



NEW
GUNA INNOVATIVE
NUTRACEUTIC
TECHNOLOGY

proFEM™

FOOD SUPPLEMENT

**FROM NATURE, A UNIQUE
AND COMPLETE FORMULATION
SPECIFIC FOR THE WELL-BEING
OF WOMEN IN MENOPAUSE**





Climacteric is associated to the physiologic change of the woman hormonal equilibrium. However, this phase could entail several disorders¹:

HOT FLUSHES:

In 80% of women, they arise in the period which precedes and follows the menopause and are characterized by face and chest flushes with a prevalence in the evening hours.

NEURO-PSYCHICAL SYMPTOMS:

Mood alterations, insomnia, irritability, memory disorders.

ALTERATIONS AND AGING OF SKIN AND SKIN APPENDAGES:

Loss of skin turgor, elasticity, hydration and brightness, skin becomes thinner and more sensitive to external aggression. Hair is less shine and strong.

ALTERATION OF CALCIUM METABOLISM:

Alteration of the balance between the osteoblast and osteoclast activity.

URO-GENITAL ALTERATIONS:

Vaginal dryness, higher sensitivity to bacterial and fungal infections, vulvar itching and dyspareunia.

GASTRO-INTESTINAL AILMENT:

Changes in gut flora, slow intestinal motility and tension, bloating, digestive difficulties, malabsorption.

ALTERATIONS IN THE LIPID AND GLUCID METABOLISM:

Weight gain and water retention.



proFEM™ NATURAL SUPPORT, INNOVATIVE AND UNIQUE
FORMULATED TO TARGET A BROAD SPECTRUM

1
sachet daily



Innovative association of:

Select isoflavones for a total of 76 mg per sachet

Melatonin and green tea

Exclusive probiotics

Tested Sc-FOS

proFEM™ is a complete help for:

- **REDUCING MENOPAUSAL SYMPTOMATOLOGY: HOT FLUSHES, NIGHT SWEATS, INSOMNIA, MOOD ALTERATION, IRRITABILITY, NERVOUSNESS**
- **IMPROVING SKIN ELASTICITY AND MUCOSAL TROPHISM (AGAINST VAGINAL DRYNESS AND DYSpareunia)**
- **MAINTAINING INTESTINAL EUBIOSIS AND FUNCTIONAL EFFICIENCY**
- **COUNTERACTING THE ONSET OF GENITO-URINARY INFECTIONS**
- **PREVENTING OR SLOWING DOWN THE PHYSIOLOGICAL AGING PROCESSES AND OF INCREASE OF CARDIOVASCULAR AND OSTEOPOROSIS RISKS.**
- **CONTROLLING WEIGHT GAIN AND WATER RETENTION**

AND NATURALLY MAINTAINING THE WELL-BEING OF THE WOMAN IN MENOPAUSE





✓ 3 SELECTED PLANTS WITH A HIGH CONCENTRATION OF SPECIFIC ISOFLAVONES 2-10

COMPLETE, UNIQUE AND INNOVATIVE ASSOCIATION OF DIFFERENT TITRATED ISOFLAVONES: GENISTEIN, DAIDZEIN, COUMESTANS, FORMONONETIN, PUERARIN.



SOY (Glycine max) extract titrated 10% in isoflavones

Several epidemiological studies have shown that **soy intake helps reduce hot flashes** up to 60%, owing to its high content in **genistein** and **daidzein**, isoflavones characterized by a high affinity for estrogen receptor beta.



PUERARIA LOBATA (o Kudzu) extract titrated 40% in isoflavones

It's one of the main soy complements for isoflavones content. The most modern use of the Kudzu root is due to its **high content in daidzein, formononetin** (daidzein methylated form), **puerarin and coumestans**, which makes it the ideal balanced support derived from soy in controlling menopause symptoms. Moreover, this plant is renowned for its properties as **antioxidant and to rebalance the micro-circulation**.



TRIFOLIUM PRATENSE (or red clover) extract titrated 8% in isoflavones

This legume as well contains **4 typologies of isoflavones (formononetin, coumestans, daidzein and genistein)** which can naturally reduce the menopausal symptomatology and support the cardiovascular and skeletal systems. Coumestans, in particular, are a group of isoflavones **highly bioavailable and active** characterized by a high affinity for estrogen receptor beta.

PROFEM™ SAFETY AND ACTIVITY PROFILE:

Due to the low affinity for estrogen receptor alfa (uterus and breast) and the high affinity for estrogen receptor beta (central nervous system, bowel, bone tissue, cardiovascular system, skin) of the isoflavones association of Profem™, the product presents a naturally balanced activity and a strong safety profile.

	Relative affinity of Profem™ isoflavones for estrogen receptor (ER) in relation to estradiol	
	ERα	ERβ
17β estradiol	100	100
Coumestrol	20	140
Genistein	0,4	87
Daidzein	0,1	0,5
Formononetin	<0,01	<0,01
Biochanin A	< 0,01	<0,01

Modified from: A. Tolino et Al. "La terapia alternative al trattamento ormonale sostitutivo: i fitoestrogeni" Cofese Edizioni Palermo 2005



proFEM™ THREE NUCLEI FOR A SYNERGIC AND NATURAL ACTION

✓ UNIQUE SYMBIOTIC COMPONENT (PRE AND PRO-BIOTIC)¹¹



INNOVATIVE ASSOCIATION OF 6 PROBIOTIC STRAINS SELECTED, SPECIFIC, GUARANTEED CONCENTRATION

The Guna **exclusive probiotics make the isoflavones more bioavailable and effective** by promoting their activation inside the bowel.

Each of the **6 probiotics**, belonging either to the *Bifidobacterium* or *Lactobacillus* genus, ensures a **quick colonization of the different bowel segments** which lasts long for the probiotics' high adherence to the mucosa, also fostered by *Lactobacillus salivarius* LS03.

Profem™ contains *Lactobacillus rhamnosus* LRO6 and *Lactobacillus plantarum* LPO2, both able of producing colicins in different bowel segments. Profem™ is then **recommended to those women who suffer of frequent infections of the genito-urinary tract** induced by *Escherichia coli*, which is responsible for about **80% of urinary infections**.



SHORT-CHAIN FRUCTOOLIGOSACCHARIDES WITH SPECIFIC PROBIOTIC ACTIVITY

Derived from sugar beet, scFOS can **selectively support and stimulate the beneficial probiotics' development of the intestinal microflora: lactobacilli and bifidobacteria**.

ScFOSs have a positive role in the carbohydrate and fat metabolism, improve the intestinal mucosa functionality and promote elements' absorption, particularly that of calcium and magnesium.

✓ SPECIFIC NATURAL NUTRITIONAL ELEMENTS



MELATONIN¹²

Its supplementation up to **5 mg/day** naturally enhances the **resynchronization** of the circadian rhythm (which is of fundamental importance in the hormone pulsatility) and helps maintain the neuro-vegetative balance in women. Several studies show that aging causes a progressive reduction in the melatonin physiological levels accompanied by a worsening of the quality of life and of sleep duration.

Moreover, melatonin presents anti-oxidant anti-aging properties.



GREEN TEA¹³ (*Camelia sinensis*) extract titrated 50% in polyphenols

Green tea extract is rich in **polyphenols**, anti-oxidants which help reduce aging processes and support the skin and immune system metabolism.

NEW



PLEASANT FLAVOUR

GLUTEN-FREE

NO GMO

NUTRITION FACTS PER SACHET

Energetic value	13,13 kcal (54,97 kJ)
Protein	160 mg
Total carbohydrate	3930 mg
Simple carbohydrate	2630 mg
Fat	60 mg
• Bifidobacterium lactis BS01	≥ 1,00 billions CFU*
• Lactobacillus acidophilus LA02	≥ 0,25 billions CFU*
• Lactobacillus paracasei LPC00	≥ 0,25 billions CFU*
• Lactobacillus rhamnosus LR06	≥ 0,25 billions CFU*
• Lactobacillus plantarum LP02	≥ 0,25 billions CFU*
• Lactobacillus salivarius LS03	≥ 0,02 billions CFU*
Short-chain fructo-oligosaccharide (scFOS)	1000 mg
Melatonin	5 mg
Herbal ingredients:	
Kudzu root extract (Pueraria lobata)	100 mg
Titrated min. 40% in isoflavones, of which isoflavones	40 mg
Red clover extract (Trifolium pratense)	5 mg
Titrated min. 8% in isoflavones, of which isoflavones	0,4 mg
Soy extract (Glycine max)	360 mg
Titrated min. 10% in isoflavones, of which isoflavones	36 mg
Green tea extract (Camelia sinensis)	150 mg
Titrated min 50% in polyphenols, of which polyphenols	75 mg

* C.F.U.: colony-forming units

PLUS

- ➔ **UNIQUE AND EXCLUSIVE ASSOCIATION**
- ➔ **3 ACTION "NUCLEI" IN SYNERGY, SPECIFIC FOR:**
 - **REDUCING MENOPAUSAL SYMPTOMATOLOGY**
 - **SLOWING DOWN THE AGING PROCESS**
 - **RESTORING AND MAINTAINING THE BOWEL FUNCTIONALITY**
- ➔ **3 NATURAL SOURCES OF SELECTED ISOFLAVONES - SOY, PUERARIA LOBATA, TRIFOLIUM PRATENSE – HIGHLY BIOAVAILABLE, FOR A COMPLETE AND BALANCED ACTION WITH NO SIDE EFFECTS**
- ➔ **SYMBIOTIC ACTION TO INCREASE THE ABSORPTION AND ACTION OF ISOFLAVONES**
- ➔ **IMPROVEMENT OF THE BOWEL FUNCTIONALITY DUE TO THE PRESENCE OF PRE- AND PRO-BIOTICS**
- ➔ **ANTIBACTERIAL ACTIVITY: EXCLUSIVE STRAINS OF LACTOBACILLUS RHAMNOSUS LR06 AND OF LACTOBACILLUS PLANETARIUM LP02**
- ➔ **IMPROVED ABSORPTION OF CALCIUM AND MAGNESIUM OWING TO THE PRESENCE OF FRUCTO-OLIGOSACCHARIDES**
- ➔ **NATURAL REBALANCING OF NEURO-ENDOCRIN CIRCUITS DUE TO THE PRESENCE OF MELATONIN**
- ➔ **ANTI-AGING ACTIVITY AS IT CONTAINS GREEN TEA**
- ➔ **IT DOESN'T INDUCE WEIGHT GAIN AND WATER RETENTION**
- ➔ **OPTIMAL PATIENT COMPLIANCE: SINGLE DAILY ADMINISTRATION**



FIELDS OF APPLICATION:	DOSAGE
<p>Complementary treatment of peri- and menopausal:</p> <ul style="list-style-type: none"> • Hot flushes • Mood instability • Vaginal dryness • Loss of skin turgor and elasticity • Intestinal dysbiosis • Susceptibility to genitor-urinary infections • Aging • Overweight • Osteoporosis prevention 	<p>It is recommended to take one sachet a day for 3-month cycles.</p>

DIRECTIONS FOR USE

Take the content of the sachet preferably 30 minutes before meals. To help nocturnal sleep, it is recommended to take Profem™ 30 minutes before the evening meal.
 Dissolve the sachet content in **half a glass of water at room temperature**, mix thoroughly and drink immediately.

MOST FREQUENT ASSOCIATIONS

ASSOCIATION	INDICATION
PROFEM™ + COLOSTRO NONI™	Menopausal symptomatology characterized by marked bowel dysfunction
PROFEM™ + VIT FORMULA™	Menopausal symptomatology characterized by vitamins and/or mineral deficiencies
PROFEM™ + SON FORMULA™	Menopause syndrome accompanied by overweight
PROFEM™ + GUNA-BASIC	Adjuvant in the osteoporosis therapy

PROFEM™

Food supplement



One sachet of Profem™ ensures the provision of at least 2 billions of active probiotics. The vital content of its probiotic strains is guaranteed until the expiration date indicated on the label.

KEY WORD: Food supplement specific for the well-being of women in menopause

Ingredients

Soy Extract (Glycine max, titrated 10% in isoflavones); baked apple aroma; Green tea extract (Camelia sinensis titrated min. 50% in polyphenols); anti-caking: silicon dioxide; Pueraria lobata dried extract (titrated 40% in isoflavones); maltodextrin; stabilizing agent: citric acid; Bifidobacterium lactis BS01-LMG P-21384; Lactobacillus acidophilus LA02-DSM 21717; Lactobacillus paracasei LPC00-LMG P-21380; Lactobacillus rhamnosus LR06-DSM 21981; Lactobacillus plantarum LPO2-LMG P-210120; Lactobacillus salivarius LS03-DSM 22776; red clover extract (Trifolium pratensis titrated min. 8% in isoflavones); melatonin; Sweetener: sorbitol (corn-derived), sucralose, fructose; oligofructosaccharides.

Warnings

Keep the product in a cool and dry place and protected from light. Do not use if pregnant. Do not exceed the RDA. Keep out of the reach of children. Food supplement should not be used as a substitute for a varied and balanced diet and a healthy lifestyle. It contains soy derivatives.

Packaging

20 sachets per package. Net weight 96 g.

References

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