TETRAPEPTIDE · ALA-GLU-ASP-GLY

EPITHALON

Reactivate Your Telomerase.

Reclaim Your Biological Age.

TELOMERE HEALTH · LONGEVITY · CELLULAR RENEWAL

Discovered in the pineal gland and studied for over four decades, **Epithalon** is a naturally occurring tetrapeptide that holds a remarkable property: it switches on **telomerase** — the enzyme your body uses to rebuild the protective caps on your DNA. Longer telomeres mean younger, more resilient cells. That's the promise of Epithalon.

4	40+ Years	Telomerase	Pineal Gland
AMINO ACIDS	OF RESEARCH	ACTIVATOR	NATURAL ORIGIN

What Is Epithalon?

The story of a peptide found at the heart of aging science

A Discovery Rooted in Nature

In the 1980s, Russian scientist Professor Vladimir Khavinson isolated a series of short peptides from animal glands that appeared to have powerful regulatory effects on aging. From the **pineal gland**, he extracted a tetrapeptide — just four amino acids long — which he named Epithalon. Over four decades of research across Russia and internationally has since established it as one of the most compelling longevity peptides ever studied.

Your Telomeres — The Clock of Life

Imagine your DNA as a shoelace, and the plastic tip at the end — the part that stops it fraying — as your telomere. Every time a cell divides, that tip gets a little shorter. When it's gone, the cell can no longer divide and starts to malfunction. **Shorter telomeres = faster aging.** Epithalon activates **telomerase** — the enzyme that rebuilds those tips — effectively helping your cells stay younger for longer.

How Epithalon Works — In Three Steps

01

Enters the Cell

Epithalon's tiny four-amino-acid structure allows it to pass easily into cells, where it reaches the nucleus — the command centre of your DNA.

02

Activates Telomerase

Once inside, it switches on telomerase — your body's own telomere-rebuilding enzyme — which gets to work restoring the length and integrity of your chromosomes.

03

Renews & Protects

With longer, healthier telomeres, cells can divide more times, function better, and resist the damage that leads to age-related decline.

★ FOUR DECADES OF SCIENCE

Professor Khavinson's team conducted over 40 years of research on Epithalon, including human studies showing improvements in melatonin production, immune function, and biological age markers — establishing it as one of the most rigorously studied longevity peptides in history.

The Benefits of Epithalon

Seven ways Epithalon supports a longer, more vibrant life

01 Telomere Lengthening

Epithalon is the only peptide shown to directly stimulate telomerase and lengthen telomeres in human cells — the most fundamental marker of biological age.

02 Deeper, More Restorative Sleep

By restoring the pineal gland's natural melatonin rhythm, Epithalon helps you fall asleep faster, sleep more deeply, and wake feeling genuinely refreshed.

03 Stronger Immune Defences

Research shows Epithalon boosts the activity of T-cells and natural killer cells — the immune system's front-line defenders — helping your body fight off illness more effectively as you age.

04 Sharper Mind & Memory

Studies in aging populations found that Epithalon improved cognitive performance, reaction time, and mental clarity — keeping your brain as young as your body.

05 Antioxidant Protection

Epithalon reduces oxidative stress by enhancing the body's own antioxidant enzymes, protecting cells, DNA, and mitochondria from the daily damage that drives aging.

06 Healthier Heart & Circulation

Long-term research suggests Epithalon supports cardiovascular health by reducing arterial stiffness, improving blood lipid profiles, and protecting heart muscle cells from age-related deterioration.

07 Extended Healthy Lifespan

In a landmark long-term study, people treated with Epithalon showed a significantly lower mortality rate over 12 years compared to untreated controls — a real-world longevity outcome.

Epithalon represents one of the most exciting frontiers in human longevity science. With over 40 years of research, a clear mechanism of action, and real-world evidence of extended healthy lifespan, it stands apart as the gold standard of telomere-based anti-aging peptides.