

RESEARCH PEPTIDE

KISSPEPTIN

Hormone / Reproductive System

Reproductive and Hormonal Health Research



RESEARCH
TODAY



DISCOVER
TOMORROW



A HEALTHIER
HUMAN POTENTIAL



SCIENCE
INSPIRES
HUMAN
POTENTIAL



WHAT IS KISSPEPTIN?

Kisspeptin is a naturally occurring peptide that plays a central role in regulating the reproductive system. It acts as a key signaling molecule in the hypothalamus, where it stimulates the release of gonadotropin-releasing hormone (GnRH), which in turn triggers the secretion of luteinizing hormone (LH) and follicle-stimulating hormone (FSH) from the pituitary gland—both essential for puberty, fertility, and normal reproductive function.



RESEARCH SNAPSHOT



COMPOUND

Kisspeptin



STRENGTH

10 mg



CATEGORY

- Hormone Support
- Reproductive Health
- Endocrine Function



RESEARCH STATUS

Investigational
peptide
Research use only



WHAT IS IT STUDIED FOR?

- Stimulation of GnRH, LH and FSH release
- Support for puberty and reproductive function
- Regulation of hormonal balance
- Potential role in fertility research
- Influence on reproductive health in both males and females
- Research into mood, metabolism and related pathways



HOW IT MAY WORK?

- Stimulates release of GnRH in the hypothalamus
- Triggers downstream secretion of LH and FSH
- Supports normal reproductive hormone function
- May influence timing of puberty and reproductive development
- Potential effects on mood and metabolic pathways



RESEARCH TIMELINE / EXPECTATIONS

WEEKS 1-2

- Initial hormonal response may be observed
- Early changes in reproductive hormone levels may occur

WEEKS 3-4

- Continued hormonal regulation and stability
- Potential improvements in reproductive markers

WEEKS 5-8

- Ongoing benefits may be evident
- Research into mood and metabolic effects

12+ WEEKS

- Longer-term results may be observed
- Continued research may explore broader health benefits



RESEARCH PROTOCOL — 10 MG VIAL

Reconstitution	Add 1 mL Bacteriostatic Water
Starting Dose	500 mcg (5 units)
Dosage Range	500 mcg – 1,000 mcg (5–10 units)
Frequency	3 times per week
Cycle Duration	4 weeks on / 4 weeks off
Administration	Subcutaneous injection
Estimated Bottles	1–3 bottles (per treatment cycle)
Storage	Refrigerate after reconstitution
Notes	Use in a fasted state.



MIXING & RECONSTITUTION



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Final Concentration
10 mg/mL
(10,000 mcg/mL)

This allows 500 mcg = 0.05 mL (5 units) and
1,000 mcg = 0.1 mL (10 units) on a U-100 syringe.



DOSING PROTOCOL



500 mcg
(5 units)
3 times per week

- Dose range: 500 mcg – 1,000 mcg (5–10 units)
- Subcutaneous injection
- 4 weeks on / 4 weeks off
- Use in a fasted state



SCIENTIFIC INTEGRITY

Alpine Ascent Research is committed to providing accurate, balanced, and evidence-based information. We do not make medical claims. Our resources are for educational and research purposes only.



RESEARCH USE ONLY

For research and educational purposes only. Not for human consumption. Conduct research responsibly and in accordance with all applicable laws and regulations.

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A BRIGHTER TOMORROW.

