KAIA PEPTIDES — PRODUCT SHEET

KPV

Anti-Inflammation Tripeptide – Gut Integrity, Skin Calm, Immune Balance & Recovery Support

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What It Is

KPV is a naturally occurring tripeptide fragment of **alpha-MSH (α-melanocyte-stimulating hormone)**, researched for its powerful and selective anti-inflammatory properties.

It is known for:

- Reducing inflammation
- Supporting gut lining integrity
- Improving skin barrier health
- Calming irritated tissues
- Modulating immune response
- Supporting recovery after physical or inflammatory stress

KPV acts *without* hormonal stimulation, making it one of the cleanest anti-inflammatory peptides studied.

Understanding KPV — A Metaphorical Story

Imagine your body as a peaceful village surrounded by forests.

Most of the time, everything stays calm —
but inflammation is like **unexpected wildfires** that ignite across the land:

- In the gut
- In the skin
- In muscles or joints
- In the immune system

These fires:

- Spread quickly
- Damage structures
- Distract the villagers
- Slow healing
- Cause stress and instability

Most firefighters take a long time to arrive.

But KPV is different.

KPV is the village's elite fire commander — calm, fast, precise.

• KPV Puts Out Fires (anti-inflammatory action)

It rushes directly to hotspots and extinguishes inflammation at the source.

No chaos.
No collateral damage.
Just rapid, targeted calming.

• It Prevents New Fires From Spreading (immune modulation)

Not only does it put out flames —
it reduces the spark potential, helping prevent flare-ups.

This is KPV's ability to modulate inflammatory pathways intelligently.

• It Protects Fragile Buildings (skin + tissue protection)

Some structures burn easily:

- Skin barrier
- Gut lining
- Irritated joints
- Sensitive immune organs

KPV coats these structures like a protective shield.

• It Calms the Villagers (systemic soothing)

When inflammation is high,
everyone in the “village” becomes reactive or stressed.

KPV restores harmony and allows normal life to resume.

The Result: A Calm, Protected Internal Landscape

With KPV on duty:

- Fires go out faster
- Sensitive tissues stay protected
- Gut and skin remain calm
- Recovery happens smoothly
- The immune system stays balanced

This is the simplest way to visualize KPV’s selective anti-inflammatory power.

Primary Research Benefits

(Summarized from published scientific literature)

• Potent Anti-Inflammatory Effects

- Downregulates major inflammatory pathways
- Supports rapid calming of irritated tissues

• Gut Lining Integrity

- Helps protect intestinal epithelium
- Studied for colitis and GI barrier support

• Skin Barrier & Calming

- Helps reduce redness, irritation, and inflammatory flare models
- Supports wound and skin barrier recovery

• Immune Modulation

- Helps maintain balanced immune response
- Reduces excessive inflammatory activity

• Systemic Recovery

- Supports healing after inflammatory stress
- Works synergistically with BPC-157 for GI and tissue repair

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Common Research Use Cases

- Inflammatory gut models
- Skin barrier and wound-healing studies
- Immune-modulation research
- Joint or tissue inflammation models
- Recovery-after-stress pathways

Typical Research Protocols (Literature-Based)

(For educational/reference purposes; not medical advice)

- **Duration:** 4–12 weeks
- **Frequency:** Daily or multiple times weekly
- **Vial:** KPV
- **Reconstitution:** With bacteriostatic water
- **Route:** Subcutaneous, oral, or topical (research-dependent)

Storage & Stability

- Store lyophilized at **2–8°C**
- Use reconstituted within **30 days**
- Protect from heat, moisture, and direct light

Safety Profile (Research-Based Notes)

- Non-hormonal

- Generally well tolerated
- Excellent safety profile in available models
- Widely used in GI, skin, and immune research

Format

- **KPV lyophilized powder**
- Research Use Only
- Purity: **≥99%** (third-party verified)

Legal & Compliance

For Research Use Only. Not for human consumption.
Not approved by the FDA to diagnose, treat, cure, or prevent any disease.

Brand Finishing (Kaia Style)

> **Calm the fire. Protect the system.**
> **A precision anti-inflammatory peptide for advanced research.**