



GHK-Cu

Copper Peptide

What is GHK-Cu?

GHK-Cu is a copper peptide initially identified in human plasma. The peptide consists of the tripeptide Glycine-Histidine-Lysine bound with copper ion, Cu^{2+} .

Key points:

- Short peptide consisting of three amino acids: Glycine, Histidine, and Lysine complexed with copper ion (Cu^{2+})
- Naturally occurring and synthesized in the human body
- Has the ability to bind copper ions and transport them within the body.
- Promotes various healing and regenerative processes at the cellular level.
- Potential applications include enhancing wound healing, reducing inflammation, promoting skin and hair regeneration, and more.



Benefits of GHK-Cu

✔ Boosts Collagen Production

- Stimulates the production of collagen and elastin, helping to reduce the appearance of wrinkles and improve skin firmness

✔ Stimulates Hair Growth

- Increases hair follicle size and stimulates hair growth

✔ Supports Wound Healing

- Enhances wound healing by promoting cellular repair and regeneration.

✔ Improve Skin Regeneration

- Boosts skin repair, increase skin density, reduces fine lines, and improves overall skin texture.

✔ Exhibits Anti-Inflammatory Properties

- Reduces inflammation and protects oxidative stress

For Research & Educational Use Only
Not for human or veterinary use