

# COPPER PEPTIDE

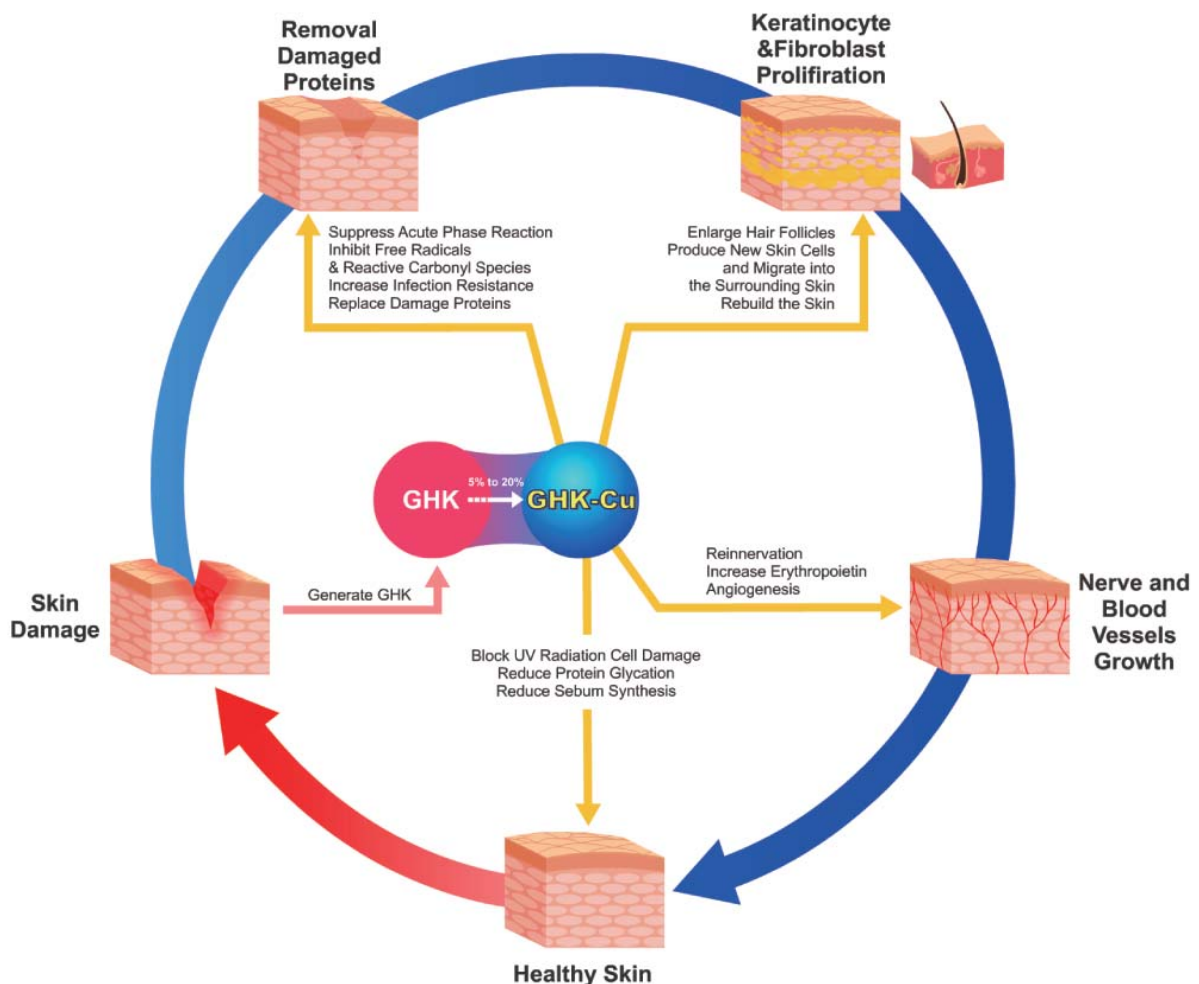
Copper Peptide provide a cost effective alternative to cosmetic surgery. You can avoid the scalpel with Skin Remodeling Copper-Peptides that remodel skin.

## Description

GHK was originally isolated from human plasma in 1973 and its wound repair properties were observed in 1985. In 1999, researchers concluded that GHK or its Cu complex functioned as an activator of tissue remodelling. It is also a signal peptide that promotes extra large collagen aggregates degradation in scars, regular collagen synthesis in normal skin, elastin, proteoglycans and glycosaminoglycans production, growth rate and migration of different cell types and anti-inflammatory and antioxidant responses.

Copper Peptide skin care creams were found to:

- \* Tighten loose skin and improve elasticity;
- \* Improve skin density and firmness;
- \* Reduce fine lines and deep wrinkles;
- \* Improve skin clarity;
- \* Reduce photodamage and mottled hyperpigmentation;
- \* Strongly increase keratinocyte proliferation.



## Specification:

<b>Appearance</b>	: Blue powder
<b>Mass Spectrum (GHK)</b>	: 340.5±1
<b>Solubility</b>	: Soluble in water
<b>Peptide Purity (HPLC)</b>	: ≥95.0%
<b>Amino Acid Composition</b>	: ±10% of theoretical
<b>Water (K.F.)</b>	: ≤8.0%
<b>Sequence</b>	: Gly-His-Lys.Cu.xHAc
<b>Storage</b>	: Close package in cool, dry place avoiding from light

**Shelf life:** Stable at room temperature for one month and below -18°C for three years

**Recommended Use Level:** 500ppm-5,000ppm for anti-wrinkle, 1000-8000ppm for hair growth