

Copper Tripeptide-1 (GHK-Cu 2:1)

Product information

Copper Tripeptide-1 (GHK-Cu 2:1)
CAT# MBCP010
Synonyms/Alias: Copper glycyl-histidyl-L-lysine
CAS No. 89030-95-5
Molecular Formula: $C_{14}H_{22}CuN_6O_4$ (Cu Complex)
M.W/Mr. 403.94
Sequence: 2(Gly-His-Lys).Cu.2HOAC
Specifications: 98.0% (Min)
Grade: Cosmetic Grade
Appearance: Blue powder

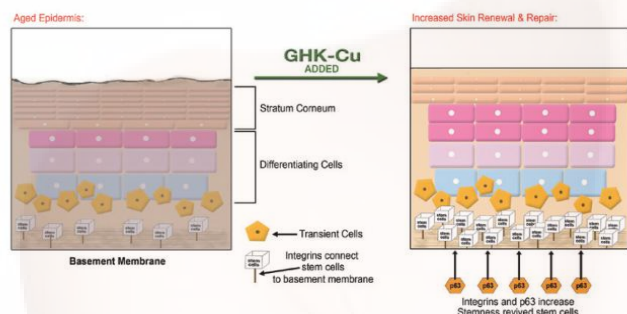


Package

1g vials, 10g-100g in bottles

Descriptions

This product is highly recommended by USA dermatologists, has functions of reversing skin age, skin renewal, scarless healing, and removal of skin lesions with high safety. It is used as active ingredients in cosmetics production. GHK Copper peptide is useful in anti-aging products and wrinkle treatment products such as gels, serums, lotions and creams. And has promising market demand. In 1986 in Washington, DC, the establishment of ProCyt Corporation, will be committed to working with copper Bond amino acid applied for human tissue repair, aging, wrinkles and scalp hyperplasia treatment. So in 1999 the establishment of NEOVA brand, officially Blue rhytidectomy copper used in aging beauty maintenance. Many dermatologists' physicians also published articles reporting clinical human experiment confirmed that this complex can play into the dermal layer effects.



So dermatology and plastic surgeons recommend for the 21st century least stimulated aging wrinkle products. Copper peptide is a naturally occurring copper complex of a glycyl-L-histidyl-L-lysine peptide. It can promote activation of wound healing, attraction of immune cells, antioxidant and anti-inflammatory effects, stimulation of collagen and glycosaminoglycan synthesis in skin fibroblasts.

Functions & Applications

Anti-aging, Anti-wrinkles, Wound Healing, Hair growth and etc.

Technical Data

INCI Name: Copper tripeptide-1

Solubility: Water soluble

Shelf Life: 2 years

Concentration Dosage

0.05%-0.5% (500ppm-5000ppm) Or according to own brand formula.

Storage

Common storage 2-8 degree, long time storage -20 degree.

Related Anti-aging & Anti-wrinkle & Skin Care Peptides

- * Acetyl Dhexapeptide-3 (Rejuline) CAS#: 96702-03-3
- * Acetyl Hexapeptide-1 (Melitane) CAS#: 448944-47-6
- * Acetyl Hexapeptide-8/3 (Argireline) CAS#: 616204-22-9
- * Acetyl Dipeptide-3 Amino hexanoate (Bodyfensine) CAS#: 40968-45-4
- * Acetyl Hexapeptide-30 (Inyline-Peptide) M.F: $C_{29}H_{39}N_5O_7$
- * Acetyl Hexapeptide-37 (Diffuporine) CAS#: 1447824-16-9
- * Acetyl Hexapeptide-51 Amide (Juveleven) M.F: $C_{38}H_{60}N_8O_{12}$
- * Acetyl Octapeptide-3 (SNAP-8) CAS#: 868844-74-0
- * Acetyl Pentapeptide-1 CAS#: 448944-47-6
- * Acetyl Tetrapeptide-22 (Thermostressine) M.F: $C_{26}H_{45}N_9O_5$
- * Copper Tripeptide-1 (GHK CU 2:1) or (GHK CU 1:1) CAS#: 89030-95-5
- * Caprooyl Tetrapeptide-3 (ChroNoline) CAS#: 1012317-71-3
- * Dipeptide Diaminobutyryl Benzylamide Diacetate (SYN-AKE) CAS#: 823202-99-9
- * Diaminopropionyl Tripeptide-33 (Preventhilia) M.F: $C_{17}H_{23}N_7O_3$
- * Ectoin CAS#: 96702-03-3
- * Hexapeptide-9 (Collaxyl) CAS#: 1228371-11-6
- * Hexapeptide-11 CAS#: 100684-36-4
- * Hexapeptide-42 (Caspaline) M.F: $C_{25}H_{46}N_{10}O_8$
- * Lipopeptide (Biopeptide EL) CAS#: 171263-26-6
- * L-Carnosine CAS#: 305-84-0
- * Mu-Contoxin/Conopeptide/CTX CAS#: 936616-33-0
- * Myristoyl Hexapeptide-4 CAS#: 959610-44-7
- * Myristoyl Hexapeptide-37 (Sympeptide 230) M.F: $C_{22}H_{34}N_6O_8$
- * Myristoyl Octapeptide-1 (Sympeptide 239; PREVAGE clinical lash brow)
- * Matrixyl 3000 (Pal-GHK: PAL-GQPR=1:2) CAS #: 147732-56-7, 221227-05-0
- * Olio peptide-10 CAS#: 466691-40-7
- * Pentapeptide-3 (Vialox Peptide) CAS#: 135679-88-8
- * Pentapeptide-18 (Leuphasyl) CAS#: 64963-01-5
- * Palmitoyl Tripeptide-3/5 (SYN-Coll) CAS#: 623172-56-5
- * Palmitoyl Pentapeptide-3/4 (Matrixyl) CAS#: 214047-00-4
- * Palmitoyl Tripeptide-1 (PAL-GHK) CAS#: 147732-56-7
- * Palmitoyl Dipeptide-5 (SYN-Tracks) CAS#: 883558-32-5
- * Palmitoyl Tripeptide-38 (Matrixyl Synthe6) CAS#: 1447824-23-8
- * Palmitoyl Tetrapeptide-3/7 (Rigin, DermaPep A410) CAS#: 77727-17-4
- * Tetrapeptide-21 (TEGO Pep4-17) M.F: $C_{15}H_{27}N_5O_7$
- * Tetrapeptide-26 (Chronogen) M.F: $C_{19}H_{34}N_6O_6$
- * Tripeptide-29 (Collagen Tripeptide) CAS#: 2239-67-0
- * Tripeptide-1 (Kollaren) CAS#: 72957-37-0
- * Tripeptide-10 Citulline (Decorinyl) CAS#: 960531-53-7

Recombinant Collagen & Protein

- * Recombinant Human Collagen (Re-Collagen)
- * Superoxide Dismutase (SOD) $\geq 10,380$ IU/mg Protein CAS#: 9054-89-1
- * Oligopeptide Series
 - Oligopeptide-2/Oligopeptide-3/Oligopeptide-4/Oligopeptide-5
 - Oligopeptide-6/Oligopeptide-29/Oligopeptide-32
- * Recombinant Human Vascular Endothelial Growth Factor (VEGF)
- * Recombinant Human Acidic Fibroblast Growth Factor (aFGF)
- * Recombinant Human Fibroblast Growth Factor-basic (bFGF) CAS#: 62031-54-3