

Rapamycin & GHK ANTI-AGING PEPTIDE CREAM

Rapamycin & GHK-Cu Regenerative Peptide Cream combines cutting-edge science with skincare to provide a powerful solution for skin rejuvenation. By integrating **GHK-Cu Copper Peptide**, **Rapamycin**, and **KPV**, this advanced cream delivers targeted benefits, addressing not only wrinkles and fine lines but also scars, stretch marks, and overall skin vitality. Designed for daily use, it delivers transformative results at the cellular level, by offering deep hydration, improved elasticity, and anti-inflammatory benefits, making it suitable for all skin types and concerns.

HOW IT WORKS / MECHANISM OF ACTION

GHK-CU COPPER PEPTIDE:

- **Collagen Production:** Stimulates the skin's natural collagen synthesis, improving skin structure and density. Clinical studies show up to a 70% increase in collagen density over 12 weeks of consistent use, in contrast to 50% treated with the vitamin C cream, and 40% treated with retinoic acid.⁷
- **Wound Healing:** Accelerates tissue repair by activating enzymes that break down damaged proteins and replace them with new collagen and elastin.
- **Anti-Inflammatory Effects:** Reduces redness and inflammation, helping to calm irritated or sensitive skin.⁶ By modulating inflammatory markers, it promotes an even-toned complexion and reduces chronic skin irritation.

RAPAMYCIN:

- **mTOR Inhibition:** By regulating the mTOR pathway, Rapamycin helps reduce cellular senescence (aging cells) and promotes skin renewal.¹
- **Skin Firmness:** Improves elasticity, making skin appear tighter and smoother.
- **Cellular Longevity:** Enhances the lifespan and function of skin cells, contributing to long-term skin health.

KPV PEPTIDE:

- **Anti-Inflammatory:** Soothes skin affected by irritation, redness, or chronic conditions like eczema or rosacea.
- **Scar and Stretch Mark Reduction:** Helps remodel skin texture by reducing the appearance of scars and stretch marks through collagen and elastin support.⁵

Together, these ingredients target multiple layers of skin health. GHK-Cu repairs and rejuvenates the dermis, Rapamycin addresses cellular aging, and KPV mitigates inflammation and supports the skin's protective barrier. By combining these in one cream, users experience comprehensive benefits in a convenient, easy-to-use formulation.

HELPS WITH:

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| • Wrinkles | • Wound healing | • Enlarged/visible veins |
| • Fading scars | • Sunburn recovery | • Hormonal skin changes |
| • Stretch marks | • Skin barrier repair | • Preventing premature aging |
| • Rosacea | • Sagging skin | • Uneven skin tone/dark spots |
| • Eczema | • Enlarged pores | • Skin elasticity improvement |
| • Acne scars | • Cystic Acne | • Diminished redness/irritation |
| • Psoriasis | • Dryness/flakiness | • Hyperpigmentation |

WHO CAN BENEFIT FROM THIS CREAM?

- **Individuals with Aging Skin:** Seeking to reduce wrinkles and fine lines while improving overall skin texture and firmness.
- **People with Inflammatory Skin Conditions:** Such as eczema, rosacea, or chronic redness, looking for relief and skin normalization.
- **Those Recovering from Surgeries or Injuries:** Looking to improve scar healing and enhance tissue regeneration.
- **Individuals Addressing Stretch Marks:** From rapid muscle gain, weight fluctuations, or pregnancy, seeking to reduce their visibility and improve skin elasticity.
- **Users Seeking Proactive Skin Health Solutions:** To support skin longevity and vitality, ensuring ongoing protection against environmental stressors.

EXPECTED RESULTS & TIMELINE

- **First 2 Weeks:** Users typically notice improved hydration and reduced redness, with skin appearing smoother. Clinical studies indicate that hydration levels can increase by up to 40% in the first two weeks of using GHK-Cu and KPV formulations, contributing to reduced irritation and redness.^{2,7}
- **1-2 Months:** Significant reduction in fine lines and wrinkles as collagen production increases. Research demonstrates that GHK-Cu stimulates type I collagen synthesis by up to 70% within twelve weeks, visibly improving skin texture and elasticity.⁶ Inflammatory skin conditions like rosacea and eczema show marked improvement due to KPV's modulation of inflammatory cytokines such as IL-6 and TNF- α .⁴
- **3-6 Months:** Enhanced skin elasticity, firmness, and fading of scars and pigmentation. Studies on Rapamycin indicate it can lead to a 30% reduction in skin discoloration and 20% improvement in elasticity after three months of consistent application.³
- **Long-Term:** Continuous use supports sustained collagen production, long-term elasticity, and overall skin health. Studies report that regular application of GHK-Cu and Rapamycin over 12 months can result in ongoing improvements in skin firmness, a 50% reduction in visible wrinkles, and significant protection against photoaging. Long-term users of these compounds also note improved resilience to environmental stressors and maintained skin hydration.^{1,7}

DIRECTIONS FOR USE

TIMING:

- **Morning or Night Use:** This cream can be used in both morning and evening routines. However, many users find it most effective when applied at night to allow the active ingredients to work while the body is in a state of rest and repair.

APPLICATION AMOUNT:

- **Pea-sized Amount:** For general use, a small, pea-sized amount of cream is sufficient for each application. If targeting larger areas like the body, you can increase the amount.

WHERE TO APPLY:

- **Face:** Apply a thin layer to areas where you desire anti-aging benefits or where there is skin damage, such as fine lines, wrinkles, or blemishes.
- **Body:** For general anti-aging, skin health, or reducing inflammation, apply generously to the chest, arms, or thighs.
- **Wound Healing:** If using for wound healing, apply a thin layer directly to the affected area. It's essential to apply the cream to clean, dry skin for optimal absorption and effectiveness.

FREQUENCY:

- **Once or Twice a Day:** For most people, applying the cream once a day is sufficient. For enhanced results, particularly in areas requiring more intensive treatment (such as wound healing or for anti-aging purposes), you can apply it twice daily.

BOTTLE DURATION:

- **1-2 months:** For areas like the face, with smaller amounts needed, the bottle should last closer to two months. For larger body areas, the bottle may last closer to one month if applied more generously.

POTENTIAL SIDE EFFECTS

- Mild redness or irritation in sensitive individuals (temporary).
- Patch testing is recommended for those with reactive skin.

TIPS TO REDUCE SIDE EFFECTS

- Start with a small application and increase gradually.
- Always follow with sunscreen during the day to protect treated skin.
- Pair with a gentle cleanser and moisturizer for best results.

CAN IT BE USED WITH OTHER PRODUCTS?

Products That Can Be Used with This Cream

- **Moisturizers:** You can use a basic moisturizer (non-comedogenic) after applying the cream, especially if your skin tends to dry out.
- **Sunscreen:** Use a broad-spectrum sunscreen after the cream, especially when applying it during the day, to protect your skin from UV damage.
- **Other Peptides:** If using other peptide-based products (like collagen-boosting serums), apply them after the cream has fully absorbed, as Rapamycin may slow the absorption of other actives.

Products to Avoid Using with This Cream

- **Harsh Actives:** Avoid using this cream with other strong actives such as Retinoids (Retinol, Tretinoin), or exfoliating acids (AHAs/BHAs), as they may cause irritation when combined with Rapamycin.
- **Vitamin C:** Avoid applying Vitamin C at the same time as this cream, as combining GHK and Vitamin C can reduce their individual effectiveness. If you normally use a Vitamin C serum, apply it in the morning and reserve this cream for nighttime.
- **Active Exfoliants:** Avoid using physical or chemical exfoliants around the same time as applying this cream to avoid compromising the skin barrier.

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