Growth Hormone Releasing Peptide-2 GHRP-2 (receptor) Peptide

DESCRIPTION

Purity: 98% (HPLC).

GHRPs are a small family of peptides acting at the pituitary and the hypothalamus to release Growth hormone (GH) through the activation of a specific, G protein-coupled receptor. Growth hormone releasing peptide-2 also known as KP 102 is a commercially synthesized, non-natural super-analog of the GHRP-6 which is capable of potent stimulatory effect on growth hormone (GH) secretion with slight stimulator effect in PRL, ACTH and levels of cortisol (Arvat et al. 1997). It is also a synthetic agonist of ghreline that is binding with the growth hormone (GH) secretagogue receptor.

GHRP-2 growth hormone releasing peptide-2 therapy is considered one of a few medical means of reversing the effects of aging in adults deficient in growth hormone. Although it has no structural homology with Growth Hormone Releasing Hormone (GHRH), in clinical studies GHRP-2 demonstrated action on the pituitary to release Human Growth Hormone (HGH). Similar results were effective when GHRP-2 was administered subcutaneously or sublingually. Clinical studies showed the most potent GHRP being the hexapeptide GHRP-2.

Growth Hormone Releasing Peptide-2 (GHRP-2) substantially stimulates the pituitary gland's increased natural production of the body's own endogenous human growth hormone (HGH). This therapy consists of daily periodic subcutaneous or sublingual dosing.

Growth Hormone releasing peptide-2, GHRP-2 has shown on its own to robustly increase IGF-1 levels, and even greater results occurred when it is used with Growth Hormone Releasing Hormone (GHRH) which also stimulates the pituitary gland to produce increased natural secretion of human growth hormone. This also boosts the hypothalamus function as well.

In addition the increase in the body's growth hormone via elevated IGF-1, GHRP-2 has an anabolic effect on the tissues of the body. This is also a good substance to use when rehabilitating injuries as it is shown to have a very positive effect on tendons and connective tissue strengthening and regeneration. Users of this substance often report an overall sense of better well being and decreased body fat.

GHRP-2 has demonstrated that it is very effective at stimulating GH production in test subjects. It has a short half life with peak concentrations occurring around 15 minutes and not longer than 60 minutes after administration. GHRP-2 can also be used to stimulate the body's natural GH production after it has been slowed down due to synthetic GH use.

INDICATIONS

GHRP2 is indicated to stimulate GH release, promote hunger and appetite leading to weight gain. improve sleep quality and tendon/join health improvement. The peptide affects the neurons in a similar fashion that some steroids do causing a significant in strength and muscle mass.

SUGGESTED USE

Effective dosages in humans range from 100mcg to 3mcg/Kg of body weight and shows to be equally effective in both men and women. Users will often use 100-600mcg a day of the drug depending on goals.

SIDE EFFECTS

Use of this peptide can be accompanied by a gain in water weight.

HOW SUPPLIED

2mg peptide vial with rubber stopper containing freeze dried reconstitutable powder.
PREPARATION
Reconstitute the unmixed peptide by first removing the plastic flip top of the Peptide Vial. Swab exposed rubber stopper with alcohol.

Remove the plastic flip top on the Bacteriostatic water vial. Swab exposed rubber stopper with alcohol. With an insulin syringe, pull plunger back 100 units and slowly push into bacteriostatic water rubber seal. Depress plunger filling the bacteriostatic water vial with pressure and then turn upside down drawing 100 units of water.

Remove syringe from dilutent and carefully insert into peptide vial; for example. Inject water into peptide vial observing the clear reconstruction. The reconstituted peptide solution is ready and should be kept refrigerated for storage.

Unmixed vials containing dry peptide powder may be stored at room temperature without refrigeration (avoid extreme heat). Always store reconstituted peptide serum vials in the refrigerator. Discard reconstituted peptide serum after 6 weeks.

EXPIRATION/SHELF LIFE Unmixed peptides in powder form will remain stable up to 48 months (4 years) in the freezer. Unmixed vials can be stored in the freezer for a period of up to 48 months; however, if you are going to use the vials within 1 month store them in the refrigerator. Repeated freeze-thaw cycles can cause damage to the peptide.

REFERENCES


Identification of the growth-hormone-releasing peptide-2 (GHRP-2) in a nutritional supplement Andreas Thomas1,*, Maxie Kohler1, Joachim Mester2, Hans Geyer1, Wilhelm Schänzer1, Michael Petrou3, Mario Thevis

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