



## 1mg/vials IGF1 LR3 Peptides Growth Hormone Injection Powder for Anti-Aging

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-IGF1 LR3
- Minimum Order Quantity: 1BOX
- Price: Negotiable
- Packaging Details: 1mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: T/T, Western Union,
- Supply Ability: 3000kg/Month



#### Product Specification

- Name: 1mg/vial IGF1 LR3 Peptides Growth Hormone Injection Powder For Anti-Aging
- Specification: 1mg/vial, 10vials/box
- COS NO: 946870-92-4
- Purity: 99%
- Appearance: White Powder
- Storage: 2~8 Centigrade



## Product Description

### What is 1mg/vials IGF1 LR3 Peptides Growth Hormone Injection Powder For Anti-Aging?

IGF-1 is basically a polypeptide hormone that has the same some of the same molecular properties as insulin. IGF dose actually stand for insulin-like growth factor. IGF-1 is mainly responsible for long bone growth in children and it also affects muscle growth and repair of adults.

Long R3 IGF-1 is a more potent version of IGF-1. It's chemically altered i like to think "enhanced" to prevent deactivation by IGF-1 binding proteins in the bloodstream. This results in a longer half-life of 20-30 hours instead of 20 min... So that means a far more effective version than the short chain we we re perhaps more familiar with.

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Product Name | 1mg/vials IGF1 LR3 Peptides Growth Hormone Injection Powder For Anti-Aging |
| Appearance   | White, powder                                                              |
| Assay        | 99%                                                                        |
| Test         | HPLC                                                                       |
| CAS          | 946870-92-4                                                                |
| Storage      | 2~8 centigrade                                                             |



### Function

#### 1. Blood circulation system:

It can reduce blood lipid, regulate blood pressure, improve coronary artery blood supply, increase left ventricular muscle thickness, and effectively treat heart disease.

## 2. Respiratory system:

Remove lung toxins and smooth the respiratory tract. Strengthen the function of lung cells and repair the qi and blood barrier.

## 3. Digestive system:

Repair damaged mucosal tissue, increase gastrointestinal motility. Increase liver detoxification function, effective treatment of fatty liver, alcoholic liver.

## 4. Nervous system:

Increase blood supply and oxygen supply to the brain, promote the division of brain cells, and prevent brain atrophy. The treatment of migraine, optic atrophy (presbyopia), senile dementia, stroke sequelae, epilepsy, muscle weakness (muscular atrophy) radiculitis and so on has a significant effect.

## 5. Endocrine system:

Repair pancreatic islet B cells, make normal insulin secretion, activate insulin receptors, and normalize blood sugar. Promote ovarian secretion of estrogen, delay menopause. It causes the testicles to produce male hormones at youthful levels, increasing sexual performance.

## 6. Immune system:

Promotes T cells in the thymus, which begins to atrophy at age 12, blur at 40 and disappear at 60. Igf-1 can improve immunity, antivirus, scavenging free radicals in the body, prevent cancer, prevent the occurrence of infectious diseases such as cold.

## 7. Urinary system:

Increase the excretion function of the kidney, reduce the number of nocturia in the elderly, reduce the incidence of prostate disease.

## 8. Skeletal system:

Promote the absorption of calcium, prevent bone hyperplasia, with calcium treatment, the effect is better and more significant. Activate the bone marrow and promote the production of hematopoietic stem cells (stem cells are the basis of red and white blood cells).

## 9. Skin tissue:

Increase skin moisture, infant water contains 90%, adult water contains 60%, elderly water contains 40%, increase skin elasticity and collagen. Remove wrinkles, remove melanin, remove age spots, promote wound healing, repair scars, promote fat burn fully, play a role in weight loss and body shaping.

## 10. Increase hair density:

Prevent hair falling off, can make hair regeneration, can make white hair into black hair, for trauma (knife wound, burn, burn) external use effect is better.

### **The difference between IGF-1 and IGF-1 LR3**

Growth factors like IGF play an important role in childhood, specifically puberty. IGF is responsible for natural muscle growth that occurs during puberty, along with other functions like increased glucose transport, increased protein synthesis, increased RNA synthesis, increased amino acid transport to cells, and decreased protein degradation.

However, there are different forms of IGF, such as IGF-1 and IGF-1 LR3 that have varied potencies and functions.

#### **IGF-1**

Insulin-like Growth Factor 1, abbreviated IGF-1, is a protein that is encoded by the IGF1 gene. It consists of 70 amino acids and is a hormone that is structured similarly to insulin. Its main function is to stimulate growth within the body due to its regulation of both cell growth and cell death.

Synthetic IGF-1 serves as an alternative to solely relying on the pituitary gland to make Human Growth Hormone (HGH). The pituitary gland decreases function with age, but the IGF-1 bypasses that organ and produces the same effects of growth hormone.

#### **IGF-1 Long R3**

IGF-1 Long R3, or IGF-1 LR3, is a form of IGF that has been chemically altered with changed amino acids. It consists of 83 amino acids with a substitution of Arg(R) for the Glu(E) at position three, hence, the name R3. The alterations enable it to avoid binding to proteins in the body, which allows it to have a longer half-life.

IGF-1 LR3 is more potent than the regular IGF-1 because of the decreased binding of Long R3 IGF-1 to IGF binding proteins. Its main purpose is to increase the biological activity of IGF.

Essentially, when IGF-1 LR3 is active in the body, it functions differently in different types of tissues. For instance, in muscle tissue, it makes the muscle more sensitive to insulin's effects, such as a reduction in fat storage. But while IGF-1 LR3 helps fat reduction, a person using it will experience weight gain because of the increase in pure-muscle weight.

IGF-1 because of its action of forcing nutrients into the muscle, it increases the uptake of amino acids!!! Creatine, and other

supplements, in particular collagen.

So it can help slow down the aging process, and improve recovery and increase physical performance.

#### **Package and Shipping of 1mg/vials IGF1 LR3 Peptides Growth Hormone Injection Powder For Anti-Aging**

1. Package: 1mg/vial, 10vials/box



2. Shipping: 3~5 days, after your payment

#### **FAQ of 1mg/vials IGF1 LR3 Peptides Growth Hormone Injection Powder for Anti-Aging**

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is 1KG.

Q2: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment .

Q3: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer a better price for you.

Q4: How long does it take to me if I order?

A: About 3-5 days upon receipt of payment.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines,TNT, FEDEX, EMS, ect.



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