

1mg GMP Quality Peptide Vials 99% Purity Fst-315 Fst315 Follistatin 315 Supplement

Our Product Introduction

for more products please visit us on bodybuild-supplement.com

Basic Information

- Place of Origin: China
- Minimum Order Quantity: 10vials
- Price: USD
- Packaging Details: 1kg/Foil Bag
- Delivery Time: 3-7days after received payment
- Payment Terms: T/T, Western Union, PayPal
- Supply Ability: 5000KG Per Year



Product Specification

- Product Name: Follistatin 315
- Specification: 1mg
- Appearance: Freeze Dried Powder
- Grade: GMP
- Usage: Bodybuilding
- Highlight: **1mg Peptide Vials, Peptide Vials Fst-315, Follistatin 315 Supplement**



Product Description

Follistatin 315 1mg GMP Quality Peptide Peptide Vials 99% Purity Fst-315 Fst315

Basic Info.

Model NO.	peptides
MOQ	1g
Trademark	w/o
Transport Package	Safety Package
Specification	white powder
Origin	China
HS Code	3002909019

GLP-1 Wholesale.
Semaglutide, Tirzepatide, Retatrutide, NAD, GHK-CU,
Melanotan, Polypeptide
5mg 10mg 15mg 20mg 30mg 1g

Our Advantages: High purity, Wholesale price, large stock, Stealth Shipping, 100% Delivery Guarantee
 Product Name: Follistatin 315/ FST 315
 Specification: (1mg/vial)
 Grade: Pharmaceutical Grade
 Purity: 95%

Water Content(Karl Fischer): ≤5.0%

Acetate Content(by HPLC): ≤15.0%

Key words: Follistatin 315, 1mg Follistatin 315, Peptides, Follistatin-315, Peptide Follistatin 315, Follistatin 315 price, FST 315 1mg/Vial, Follistatin

Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.



Follistatin 315 (FST-315):

Follistatin (FST) is a secreted glycoprotein that was first identified as a follicle stimulating hormone inhibiting substance in ovarian follicular fluid (1, 2). Human Follistatin cDNA encodes a 344 amino acid (aa) protein with a 29 aa signal sequence, an N terminal atypical TGF binding domain, three Follistatin domains that contain EGF-like and kazal like motifs, and a highly acidic C-terminal tail. Follistatin is a secreted protein that binds to ligands of the TGF-Beta family and regulates their activity by inhibiting their access to signaling receptors. It was originally discovered as an activin antagonist whose activity suppresses expression and secretion of the pituitary hormone FSH (follicle-stimulating hormone). In addition to being a natural antagonist, follistatin can inhibit the activity of other TGF-Beta ligands including BMP-2, -4, -6, -7, Myostatin, GDF-11, and TGF-Beta1. Follistatin is expressed in the pituitary, ovaries, decidual cells of the endometrium, and in some other tissues. Recombinant human Follistatin 315 is a 34.7 kDa protein containing amino acids 30-344 of the FST-344 protein.

Application of Follistatin

Follistatin (FST) is a secreted glycoprotein that was first identified as a follicle stimulating hormone inhibiting substance in ovarian follicular fluid (1, 2). Human Follistatin cDNA encodes a 344 amino acid (aa) protein with a 29 aa signal sequence, an Nterminal atypical TGF binding domain, three Follistatin domains that contain EGFl like and kazal like motifs, and a highly acidic Cterminal tail. Follistatin is a secreted protein that binds to ligands of the TGF-Beta family and regulates their activity by inhibiting their access to signaling receptors. It was originally discovered as activin antagonists whose activity suppresses expression and secretion of the pituitary hormone FSH (follicle stimulating hormone). In addition to being a natural antagonist, follistatin can inhibit the activity of other TGF-Beta ligands including BMP-2, -4, -6, -7, Myostatin, GDF-11, and TGF-Beta1. Follistatin is expressed in the pituitary, ovaries, decidual cells of the endometrium, and in some other tissues. Recombinant human Follistatin is a 37.8 kDa protein containing 344 amino acids .

Follistatin and Muscle Growth:

Follistatin works by binding to and inhibiting transforming growth factor- (TGF-) peptides such as myostatin which is responsible for regulating and limiting muscle growth. It's also worth pointing out that myostatin may have a regulatory role in skeletal muscle fibrosis; too much myostatin can impair tissue function and cause chronic disease in vital organs, tissues, and bone marrow. In addition to suppressing the degenerative properties of myostatin, follistatin also suppresses the pituitary gland synthesis and secretion of follicle-stimulating hormone (FSH). [1] High FSH levels in men may indicate that testicles are not functioning correctly; this condition limits muscle growth, recovery, and normal hormonal function. However, FSH levels that

are too low can also negatively impact health and reproductive capabilities.

Follistatin 315 Solubility

It is recommended to reconstitute the lyophilized Follistatin in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Follistatin 315 Stability

Lyophilized Follistatin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FST should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.



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