

RP01249

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Recombinant Human Follistatin/Follistatin 315/FST Protein

Catalog No.: RP01249 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	10468	P19883

Tags

C-His

Synonyms

FST;FS

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human Follistatin/Follistatin 315/FST Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly30-Trp344) of human Follistatin (Accession #NP_037541.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant Human Inhibin beta A at 0.5 μg/mL (100 μL/well) can bind recombinant Human FST, the EC₅₀ of Human FST is 7.1 ng/mL.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

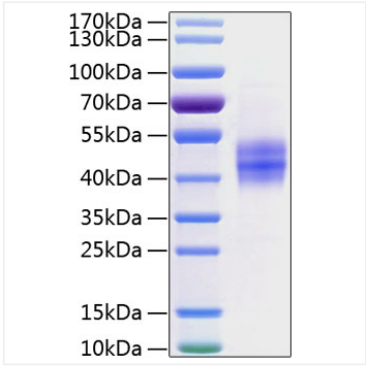
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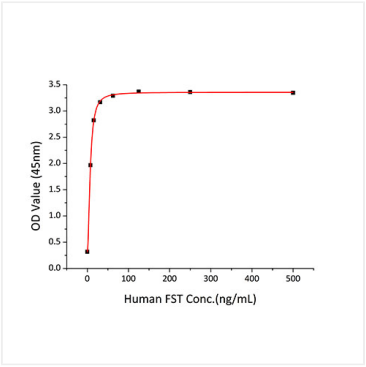
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Active Recombinant Human Follistatin/FST Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40-50 kDa.



Immobilized recombinant Human Inhibin beta A at 0.5µg/mL (100µL/well) can bind recombinant Human FST, the EC₅₀ of Human FST is 7.1ng/mL.