

Recombinant Mouse Follistatin/FST Protein

Catalog No.: RP01047

Sequence Information

Species **Gene ID**
Mouse 14313

Swiss Prot **Tags**
P47931-1 C-His

Synonyms
AL033346,FS,Fst

Product Information

Source **Purification**
HEK293 cells ≥ 90 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
38.70 kDa 45–50 kDa

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 Mouse Follistatin/FST Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met1–Trp344) of mouse Follistatin (Accession #NP_001288302.1) fused with a 10×His tag at the C-terminus.

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 Mouse FST, the EC₅₀ of Mouse FST is 32.95 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

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

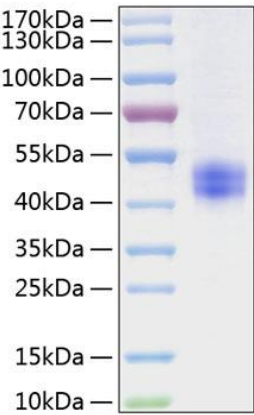
Contact

☎ | 400-999-6126

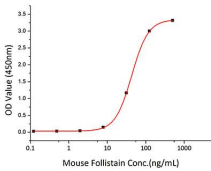
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Validation Data



Recombinant Mouse Follistatin/FST Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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