

# Recombinant Mouse Follistatin/FST Protein

Catalog No.: RP01047 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14313	P47931-1

### Tags

C-His

### Synonyms

AL033346;FS;Fst

## Product Information

Source	Purification
HEK293 cells	> 90% 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.

## Contact

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## 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.

#### 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 Mouse FST, the EC<sub>50</sub> of Mouse FST is 32.95 ng/mL.

#### Storage

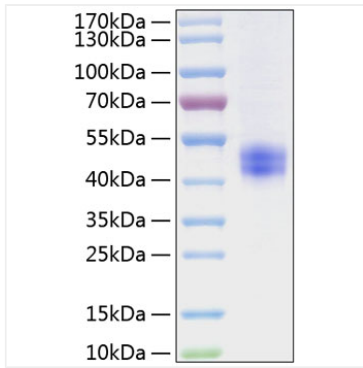
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

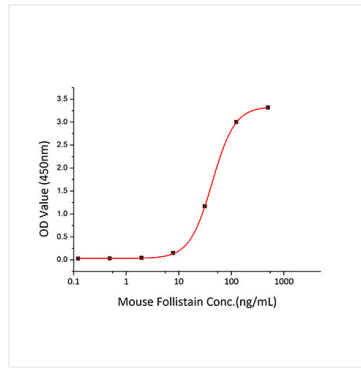
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse Follistatin/FST Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 44&50kDa.



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