

Datasheet for ABIN6699882  
**Follistatin Protein (FST)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	5 µg
Target:	Follistatin (FST)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Characteristics:	FS, activin-binding protein, FSH-suppressing protein (FSP)
Purification:	Follistatin purity was determined to be greater than 90% as determined by analysis by reducing and non-reducing SDS-PAGE.
Endotoxin Level:	Low endotoxin

## Target Details

Target:	Follistatin (FST)
Alternative Name:	Follistatin ( <a href="#">FST Products</a> )
UniProt:	<a href="#">P47931</a>
Pathways:	<a href="#">Negative Regulation of Hormone Secretion</a>

## Application Details

Application Notes:	Application Note: Follistatin Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Follistatin in immunological assays.
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## Application Details

Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically  $\leq 1$  EU/ $\mu\text{g}$  protein. Biologic Activity: The activity is determined by the dose-dependent neutralization of 7.5 ng/mL human Activin A. Complete neutralization is typically reached at less than 0.3  $\mu\text{g/mL}$ .

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 5  $\mu\text{L}$  (5-50  $\mu\text{L}$ )

Reconstitution Buffer: Restore with deionized water (or equivalent)

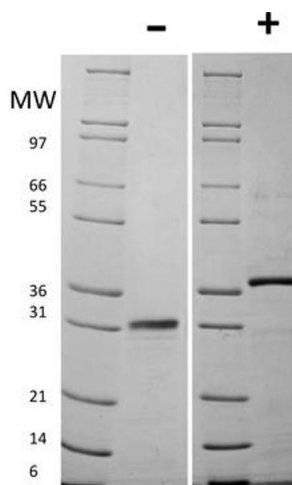
Buffer: Stabilizer: None

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

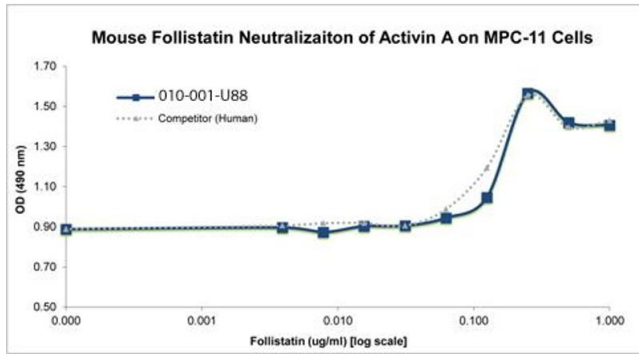
Expiry Date: 6 months

## Images



### SDS-PAGE

**Image 1.** SDS-PAGE of Mouse Follistatin Recombinant Protein. Lane 1: Molecular weight marker. Lane 2: 1  $\mu\text{g}$  Mouse Follistatin in non-reducing conditions. Lane 3: Molecular weight marker. Lane 4: 1  $\mu\text{g}$  Mouse Follistatin in reducing conditions (+). Mouse Follistatin has a predicted MW of 31.6 kDa.



## SDS-PAGE

**Image 2.** SDS-PAGE of Mouse Follistatin Recombinant Protein Bioactivity of Mouse Follistatin Recombinant Protein. Serial dilutions of Mouse Follistatin (starting at 1 ug/mL) were mixed with 7.5 ng/mL human Activin A, then added to MCP-11 cells. After 69 hours cell proliferation was measured and the linear portion of the curve was used to calculate the ED50. The ED50 of Mouse Follistatin is between 0.13-0.19 ug/mL. This value is comparable to the typically expected to be less than 0.3 ug/mL.