

Datasheet for ABIN7319608 **Follistatin Protein (FST)**



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Overview

Quantity:	50 µg
Target:	Follistatin (FST)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Follistatin 288/FST Protein
Sequence:	Gly30-Asn317
Characteristics:	Recombinant Human Follistatin is produced by our Mammalian expression system and the target gene encoding Gly30-Asn317 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Follistatin (FST)
Alternative Name:	FST (FST Products)
Background:	Background: Follistatin 288 is a secreted glycoprotein that was first identified as a follicle-stimulating hormone inhibiting substance in ovarian follicular fluid. Human follistatin 288 cDNA encodes a 317 amino acid (aa) protein with a 29aa signal sequence, and a 288 aa mature region. Follistatin shows the highest affinity for activins due to its extended configuration.

Target Details

Genetic deletion of follistatin in mice, or expression of only the Follistatin form, is perinatally lethal due to defects of lung, skin and musculoskeletal system. Follistatins also regulate hematopoietic stem cell adhesion to fibronectin via FS2.

Synonym: follistatin isoform FST317, Follistatin, FS, FSActivin-binding protein, FST

Molecular Weight: 32.4 kDa

UniProt: [P19883](#)

Pathways: [Negative Regulation of Hormone Secretion](#)

Application Details

Comment: 33-42 kDa

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.