

Follistatin, human recombinant protein
FST, FS, Activin-binding protein
Catalog # PBV10365r**Specification**

Follistatin, human recombinant protein - Product info

Primary Accession [P19883](#)
Calculated MW **31.5 kDa**

Follistatin, human recombinant protein - Additional Info

Gene ID	10468
Gene Symbol	FST
Other Names	
FST, FS, Activin-binding protein	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	0.1-0.4 µg/ml

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 µg/ µl. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from 10 mM Sodium Phosphate, pH 7.5 + 75 mM NaCl

Follistatin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Follistatin, human recombinant protein - Images**Follistatin, human recombinant protein - Background**

Follistatin belongs to a group of structurally-diverse diffusible proteins that binds to TGF- β ligands and inhibit their activity by hindering access to signaling receptors. This naturally occurring antagonist binds to Activin, BMP-2,-4,-6,-7, Myostatin, GDF-11, and TGF- β 1. Follistatin is expressed in the pituitary, ovaries, decidual cells of the endometrium, and in some other tissues. Recombinant human Follistatin is a 31.5 kDa protein containing 288 amino acids including 36 cysteine residues.