

Product datasheet for **TP727925**

Follistatin (FST) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Follistatin 288/FST (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly30-Asn317
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Follistatin/FST is produced by our Mammalian expression system and the target gene encoding Gly30-Asn317 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	10468
UniProt ID:	P19883
Synonyms:	follistatin isoform FST317; Follistatin; FS; FSActivin-binding protein; FST
Summary:	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 29 aa signal sequence, and a 288 aa mature region. Follistatin shows the highest affinity for activins due to its extended configuration. 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.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	TGF-beta signaling pathway



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