

**Product:** Follistatin, human, recombinant  
**Catalog #:** 11-FST-H  
**Amount:** 5 µg

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**DESCRIPTION:** Recombinant human Follistatin (rHuFST)  
rHuFST is a single, non-glycosylated polypeptide chain containing 288 amino acids and having a total molecular mass of 31.5kDa. The sequence of the first five N-terminal amino acids was determined and was found to be Gly-Asn-Cys-Trp-Leu

**SOURCE:** *Escherichia Coli* expression system

**PURITY:** > 95%, as determined by:  
(a) Analysis by RP-HPLC.  
(b) Anion-exchange FPLC  
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

**ENDOTOXIN:** Less than 0.1 ng/µg (IEU/µg) of rHuFST

**DIMERS & AGGREGATES:** Less than 1% as determined by silver stained SDS-PAGE gel analysis

**PROTEIN CONTENT:** Protein quantitation was carried out by 2 independent methods:  
- UV spectroscopy at 280 nm  
- Analysis by RP-HPLC, using a standard solution of Follistatin as a Reference Standard

**FORM:** Purified, in 0.1% BSA

**CONCENTRATION:** 0.1 mg/ml

**STORAGE:** -20°C (aliquot), avoid freezing and thawing cycles

**BIOLOGICAL ACTIVITY:** rHuFST is fully biologically active when compared to standard. The activity is determined by the ability to neutralize Activin A inhibitory effect of mouse MPC-11 cells.  
The expected **ED**<sub>50</sub> is 0.1-0.4 µg/ml in the presence of 7.5 ng/ml Activin A.

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