

Recombinant Human FSTL1, T7-tagged

Cat. No. FSTL1-2895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSTL1 (1-308 aa) is expressed in E.Coli with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-308 a.a.
Description	Follistatin-like 1, also known as FSTL1, is an activin-binding protein with similarity to follistatin. It contains an FS module, a follistatin-like sequence containing ten conserved cysteine residues, two EF-hand domains, a Kazal-like domain and a VWFC domain. This heparin binding protein is involved in the BMP signaling pathway, and may modulate the action of some growth factors on cell proliferation and differentiation. FSTL1 is thus suggested as a regulator of early mesoderm patterning, somitogenesis, myogenesis and neural development. FSTL1 is ubiquitously expressed in the majority of tissues in adult, with strongly expressed level in the mesenchymal component and excluded from the epithelium. In addition, this protein is thought to be an autoantigen associated with rheumatoid arthritis.
MW	34986 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.

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Application MS. SDS.

GENE INFORMATION

Gene Name [FSTL1 follistatin-like 1 \[Homo sapiens \]](#)

Synonyms FSTL1; follistatin-like 1; FRP; FSL1; FLJ50214; FLJ52277; follistatin-related protein

Gene ID [11167](#)

mRNA Refseq [NM_007085](#)

Protein Refseq [NP_009016](#)

MIM [605547](#)

UniProt ID [Q12841](#)

Chromosome Location 3q13.33

Pathway Signaling by BMP

Function calcium ion binding; heparin binding

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