Recombinant Human FSTL1 protein, His-tagged

Cat. No. FSTL1-2302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSTL1(21-308aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-308 a.a.
Description	FSTL1 is a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This protein is thought to be an autoantigen associated with rheumatoid arthritis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	34.9 kDa (309aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MEEELRSKSK ICANVFCGAG RECAVTEKGE PTCLCIEQCK PHKRPVCGSN GKTYLNHCEL HRDACLTGSKIQVDYDGHCK EKKSVSPSAS PVVCYQSNRD ELRRRIIQWL EAEIIPDGWF SKGSNYSEIL DKYFKNFDNG DSRLDSSEFL KFVEQNETAINITTYPDQEN NKLLRGLCVD ALIELSDENA DWKLSFQEFL KCLNPSFNPP EKKCALEDET YADGAETEVD CNRCVCACGN WVCTAMTCDGKNQKGAQTQT EEEMTRYVQE LQKHQETAEK TKRVSTKEI

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Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	FSTL1 follistatin-like 1 [Homo sapiens]
Official Symbol	FSTL1
Synonyms	FSTL1; follistatin-like 1; follistatin-related protein 1; FRP; FSL1; follistatin-like protein 1; FLJ50214; FLJ52277;
Gene ID	11167
mRNA Refseq	NM_007085
Protein Refseq	NP_009016
MIM	605547
UniProt ID	Q12841
Chromosome Location	3q13.33
Pathway	Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem;

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Function	calcium ion binding; heparin binding;

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