

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	<p>MGSSHHHHHH SSGLVPRGSH MEEELRSKSK ICANVFCGAG RECAVTEKGE PTCLCIEQCK PHKRPVCGSN GKTYLNHCEL HRDACTGSKIQVDYDGHCK EKKSVPSPAS PVVCYQSNRD ELRRRIQWL EAEIIPDGWF SKGSNYSEIL DKYFKNFDNG DSRLDSSEFL KFVEQNETAINITTPDQEN NKLLRGLCVD ALIELSDENA DWKLSFQEFL KCLNPSFNPP EKKCALEDET YADGAETEVD CNRCVCACGN WVCTAMTCDGKNQKGAQTQT EEEMTRYVQE LQKHQETAEK TKRVSTKEI</p>

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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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