

## AR51126PU-S

## Human Follistatin-related protein 1 (21-308, His-tag) - Purified

**Alternate names:**

FRP, FSTL1, Follistatin-like protein 1

**Quantity:**

20 µg

**Concentration:**

0.5 mg/ml (determined by Bradford assay)

**Background:**

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.

**Uniprot ID:**
[Q12841](#)
**NCBI:**
[NP\\_009016](#)
**GeneID:**
[11167](#)
**Species:**

Human

**Source:**

E. coli

**Format:**
**State:** Liquid purified protein

**Purity:** >90% by SDS - PAGE

**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**Description:**

Recombinant human FSTL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHH SSGLVPRGSH MEEELRSKSK ICANVFCGAG RECAVTEKGE PTCLCIEQCK  
PHKRPVCGSN GKTYLNHCEL HRDACLTGSK IQVDYDGHCK EKKSVSPPSAS PVVCYQSNRD  
ELRRRIQWL EAEIIPDGF SKGSNYSEIL DKYFKNFDNG DSRLDSSEFL KFVEQNETAI  
NITTYPDQEN NKLLRGCLVD ALIELSDENA DWKLSFQEFL KCLNPSFNPP EKKCALEDET  
YADGAETEVD CNRCVCACGN WVCTAMTCDG KNQKGAQTQT EEEMTRYVQE LQKHQETAEK  
TKRVSTKEI

**Molecular weight:** 34.9 kDa (309aa) confirmed by MALDI-TOF

**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:**

Tanaka M., et al (1998). Int. Immunol. 10:1305-1314 Ehara Y., et al (2004). Clin. Exp. Rheumatol. 22:707-712

Pictures:

