

FSTL1, 21-308aa, Human, His tag, E.coli

Cat.NO.: TP02155

3th Edition

Synonyms: follistatin-related protein 1, FRP, FSL1

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

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

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

Sequences:

MGSSHHHHHSSGLVPRGSHMEEELRSKSKICANVFCGAGRECAVTEKGEP TCLCIEQCKPHKRPVCGSNGKTY
LNHCELHRDACLTGSKIQVDYDGHCKEKKSVSPSASPVV CYQSNRDELRRRIQWLEAEIIPDGWFSKGSNYSEILD
KYFKNFDNGDSRLDSSEFLKFVEQNETAINITTPDQEN NKLLRGLCVDALIELSDENADWKLSFQEFLKCLNPSFN
PPEKKCALEDETYADGAETEVD CNRCVCACGNWVCTAMTC DGKNQKGAQTQTEEMTRYVQELQKHQETA EKT
KRVSTKEI

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.