

Recombinant human Follistatin-like 1 protein

Catalog Number: ATGP2302

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-308aa

UniProt No.

Q12841

NCBI Accession No.

NP_009016.1

Alternative Names

follistatin-related protein 1, FRP, FSL1

PRODUCT SPECIFICATION

Molecular Weight

34.9 kDa (309aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH M>EEELRSKSK ICANVFCGAG RECAVTEKGE PTCLCIEQCK PHKRPVCGSN

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GKTYLNHCEL HRDACTLGSK IQVDYDGHCK EKKSVPSPAS PVVCYQSNRD ELRRRIQWL EAEIIPDGWF SKGSNYSEIL
DKYFKNFDNG DSRLDSSEFL KFVEQNETAI NITTYPDQEN NKLLRGLCVD ALIELSDENA DWKLSFQEFL KCLNPSFNPP
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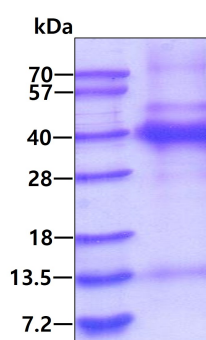
General References

Tanaka M., et al (1998). Int. Immunol. 10:1305-1314

Ehara Y., et al (2004). Clin. Exp. Rheumatol. 22:707-712

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.