
Product Data Sheet

Product Name: FSTL1 Human
 Cat. No.: GP20271
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Follistatin-related protein 1; Follistatin-like protein 1; FSTL1; FRP; Follistatin Like 1; FSL1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEEELRSKSK ICANVFCGAG RECAVTEKGE PTCLCIEQCK PHKRPVCGSN GKTYLNHCEL HRDACTGSK IQVDYDGHCK EKKSVPSPAS PVVCYQSNRD ELRRRIQWL EAEIIPDGWF SKGSNYSEIL DKYFKNFDNG DSRLDSSEFL KFVEQNETAI NITTYPDQEN NKLLRGLCVD ALIELSDENA DWKLSFQEFL KCLNPSFNPP EKKCALEDET YADGAETEVD CNRCVCACGN WVCTAMTCDG KNQKGAQTQT EEEMTRYVQE LQKHQETAEK TKRVSTKEI.		
Formulation	The FSTL1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

FSTL1 protein resembles follistatin, an ACTV-binding protein. FSTL1 is an autoantigen associated with rheumatoid arthritis and it holds an FS section, a follistatin-like sequence having 10 conserved cysteine residues.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

FSTL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 309 amino acids (21-308) and having a molecular mass of 34.9 kDa. FSTL1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic

Caution: Product has not been fully validated for medical applications. For research use only.

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