
Product Data Sheet

Product Name: FSTL1 Human, HEK
 Cat. No.: GP20272
 Batch No.: 1

Product Data

Purity	>98%	Source	HEK293 cells.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Follistatin-related protein 1; Follistatin-like protein 1; FSTL1; FRP; Follistatin Like 1; FSL1; MIR198.		
Amino Acid Sequence	EEELRSKSKI CANVFCGAGR ECAVTEKGEP TCLCIEQCKP HKRPVCGSNG KTYLNHCELH RDACLTGSKI QVDYDGHCKE KKSVPSPASP VVCYQSNRDE LRRRIIQWLE AEIIPDGWFS KGSNYSEILD KYFKNFDNGD SRLDSSEFLK FVEQNETAIN ITTPDQENN KLLRGLCVDA LIELSDENAD WKLSFQEFLK CLNPSFNPPE KKCALEDETY ADGAETEVCDC NRCVCACGNW VCTAMTCDGK NQKGAQTQTE EEMTRYVQEL QKHQETAECT KRVSTKEIHH HHHHHH.		
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. FSTL1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.		
Formulation	FSTL1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in phosphate buffered saline and 5 % (w/v) trehalose, pH 7.4.		

Introduction

FSTL1 protein resembles follistatin, an activin-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 lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C .

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

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Background

FSTL1 Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 21-308) containing 296 amino acids including a 8 a.a C-terminal His tag. The total molecular mass is 33.8kDa (calculated).

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