Follistatin-Related Protein 1 Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Follistatin-like protein 1; Follistatin-Like 1; FRP; MIR198; FSL1; FSTL1

Cat. No.:
RD172531100 (0.1 mg)

Description

Total 296 AA. MW: 33.8 kDa (calculated). UniProtKB acc. No. Q12841 (Glu21-Ile308). C-terminal His-tag (8 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

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EEELRSKSKI CANVFCGAGR ECAVTEKGEP TCLCIEQCKP HKRPVCGSNG KTYLNHCELH RDACLTGSKI QVDYDGHCKE
KKSVSPSASP VVCYQSNRDE LRRRIIQWLE AEIIPDGWFS KGSNYSEILD KYFKNFDNGD SRLDSSEFLK FVEQNETAIN
ITTYPDQENN KLLRGLCVDA LIELSDENAD WKLSFQEFLK CLNPSFNPPE KKCALEDETY ADGAETEVDC NRCVCACGNW
VCTAMTCDGK NQKGAQTQTE EEMTRYVQEL QKHQETAEKT KRVSTKEIHH HHHHHH
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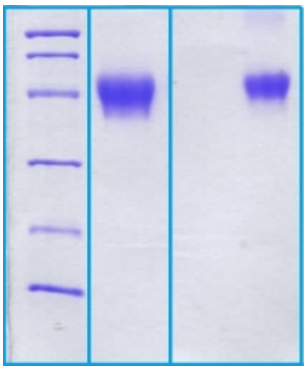
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 95%

SDS-PAGE gel



12 % SDS-PAGE separation of Human FSTL1 (HEK):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, 5% w/v trehalose, pH 7.4

Reconstitution

Add 200 µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At temperature 2 - 8 °C. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot

reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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