

Recombinant Human Follistatin-like protein 1 /FSTL1 Protein

Catalog No.: RP03228

Sequence Information

Species	Gene ID
Human	11167
Swiss Prot	Tags
Q12841-1	C-6*His

Synonyms

FSTL1, FRP, Follistatin-related protein 1, Follistatin-like protein 1

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Calculated MW / Observed MW

33.52 kDa 45-60 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Follistatin-like 1 (FSTL1), a secreted glycoprotein, has been shown to participate in regulating developmental processes and to be involved in states of disease and injury. Recent findings on FSTL1 in both acute coronary syndrome and heart failure emphasize its potential as a target for cardiac regenerative therapy.

Basic Information

Description

Recombinant Human Follistatin-like protein 1/FSTL1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu21-Ile308) of Human Follistatin-like protein 1/FSTL1 (Accession #NP_009016.1) fused with C-His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

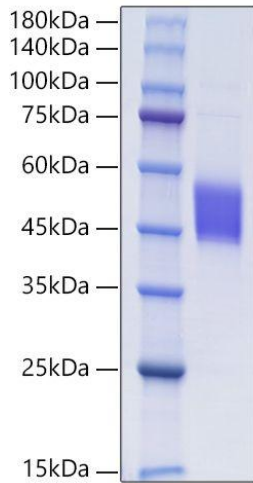
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

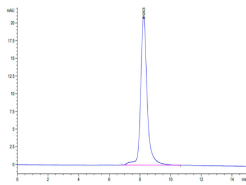
Contact

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Validation Data



Recombinant Human Follistatin-like protein 1/FSTL1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Human FSTL1 is greater than 95% as determined by SEC-HPLC.