

Recombinant Human Follistatin-like protein 1/FSTL1 Protein

Catalog No.: RP03228 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	11167	Q12841-1

Tags
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.

Contact

☎ | 400-999-6126

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.

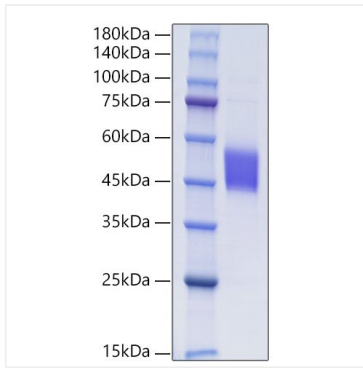
Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

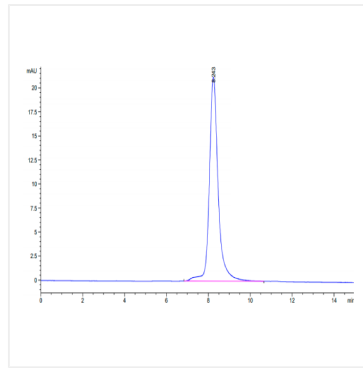
Storage
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

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

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.