Recombinant Human ADAMTSL1 Protein

Catalog No.: RP02810

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Sequence Information

Species
Human

Gene ID
92949

Swiss Prot
Q8N6G6-2

Tags
C-His

Synonyms
C9orf94; PUNCTIN; ADAMTSR1; ADAMTSL-1;ADAMTSL1

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
47.1 kDa

Observed MW
48 kda

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4.

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

ADAMTSL1 is a secreted molecule resembling members of the ADAMTS protein family of matrix metalloproteinases. Both ADAMTS proteins and ADAM protein family contain a disintegrin and a metalloprotease domain. Metallospondins is collective term for members of ADAMTS protein family. ADAMTS proteins lack the EGF-like domain found normally in members of the ADAM protein family. They also do not possess the canonical disintegrin sequence found in the ADAM protein family. It contains the domains found in members of the ADAMTS protein family with the exception of the pro-metalloprotease and the disintegrin-like domain typical of this family. ADAMTSL1 gene is expressed in adult skeletal muscle. ADAMTSL1 may play an important role in the extracellular matrix as it is deposited in the cell substratum in a punctate fashion and is excluded from focal contacts.

Basic Information

Description
Recombinant Human ADAMTSL1 Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Glu29-His439) of human ADAMTSL1 (Accession #Q8N6G6-2) fused with a 6×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℃

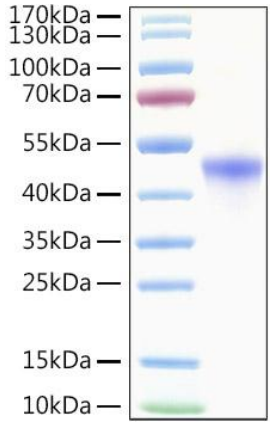
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human ADAMTSL1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.