

Recombinant Human ADAMTSL1 Protein

Catalog No.: RP02810 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	92949	Q8N6G6-2

Tags

C-His

Synonyms

C9orf94; PUNCTIN; ADAMTSR1;
ADAMTSL-1;ADAMTSL1

Product Information

Source	Purification
Baculovirus-Insect Cells	> 95% by SDS-PAGE.

Endotoxin

<1EU/μg

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 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

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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. Metallopondins 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.

Bio-Activity

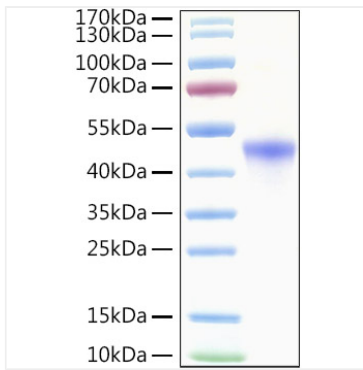
Storage

Store the lyophilized protein at -20°C to -80°C for 12 months.

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.

Validation Data



Recombinant Human ADAMTSL1 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 48 kDa.