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Datasheet for ABIN7317225 **ADAMTSL1 Protein (His tag)**

Overview

Quantity:	100 µg
Target:	ADAMTSL1
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAMTSL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ADAMTSL1/PUNCTIN Protein (His Tag)
Sequence:	Met 1-His439
Characteristics:	A DNA sequence encoding the human ADAMTSL1 (Met 1-His439) (Q8N6G6-2) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 97 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ADAMTSL1
Alternative Name:	ADAMTSL1/PUNCTIN (ADAMTSL1 Products)
Background:	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. Metallospandins is collective term for members of

Target Details

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.

Synonym: ADAMTSL-1,ADAMTSR1,C9orf94,PUNCTIN

Molecular Weight: 47 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.