

Datasheet for ABIN7597448

ADAMTS13 Protein (AA 1-1427) (DYKDDDDK Tag)



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Overview

Quantity:	10 µg
Target:	ADAMTS13
Protein Characteristics:	AA 1-1427
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAMTS13 protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	Recombinant human ADAMTS13 Protein with C-terminal 3xFlag Tag
Sequence:	ADAMTS13(Met1-Thr1427) 3xFlag tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ADAMTS13
Alternative Name:	ADAMTS13 (ADAMTS13 Products)
Background:	<p>VWFCP, C9orf8, vWF-CP, ADAM-TS13, ADAMTS-13</p> <p>This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF).</p>

Target Details

Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Molecular Weight: predicted molecular mass of 156.6 kDa after removal of the signal peptide.

UniProt: [Q76LX8](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months