

Datasheet for ABIN7491014

**ADAMTS1 Protein (AA 50-967) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ADAMTS1
Protein Characteristics:	AA 50-967
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAMTS1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant human ADAMTS1 Protein with C-terminal 6xHis tag
Specificity:	ADAMTS1 (Leu50-Ser967) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	ADAMTS1
Alternative Name:	ADAMTS1 ( <a href="#">ADAMTS1 Products</a> )
Background:	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with

## Target Details

thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function. [provided by RefSeq, Jul 2008]

**Molecular Weight:** predicted molecular mass of 101.1 kDa after removal of the signal peptide. The apparent molecular mass of ADAMTS1-His is 100-130 kDa due to glycosylation.

**UniProt:** [Q9UHI8](#)

**Pathways:** [SARS-CoV-2 Protein Interactome](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

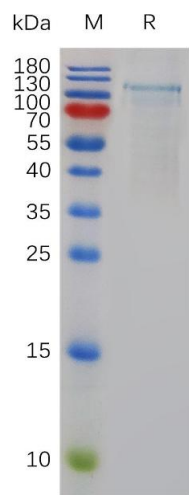
**Format:** Lyophilized

**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



SDS-PAGE

**Image 1.** Human ADA Protein, His Tag on SDS-PAGE under reducing condition.