

Datasheet for ABIN2180563

ADAM8 Protein (AA 17-497) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	ADAM8
Protein Characteristics:	AA 17-497
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM8 protein is labelled with His tag.

Product Details

Sequence:	AA 17-497
Characteristics:	rh ADAM8 fused with a polyhistidine tag at the C-terminus, has a calculated MW of 71.6 kDa, which migrates as a 120-150 kDa band in DTT-reduced SDS-PAGE due to glycosylation. Two main fragments bands are visible with apparent MW of 67 kDa and 46 kDa respectively in reduced SDS-PAGE as a result of its being prone to proteolytic cleavage.
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	ADAM8
Alternative Name:	ADAM8 (ADAM8 Products)
Background:	Disintegrin and metalloproteinase domain-containing protein 8 is also known as ADAM8, Cell

Target Details

surface antigen MS2 and CD antigen CD156a, which belongs to the ADAM (a disintegrin and metalloprotease domain) family. ADAM family play a fundamental role in diverse processes such as asthma, development, angiogenesis and cancer through their activities in cell adhesion/fusion, membrane protein shedding, and signal transduction. ADAM8 / CD156a contains 1 disintegrin domain, 1 EGF-like domain and 1 peptidase M12B domain. ADAM8 / MS2 / CD156a is expressed on neutrophils and monocytes. ADAM8 / MS2 possible involvement in extravasation of leukocytes.

Molecular Weight: 53.8 kDa

Pathways: [Activation of Innate immune Response, M Phase](#)

Application Details

Restrictions: For Research Use only

Handling

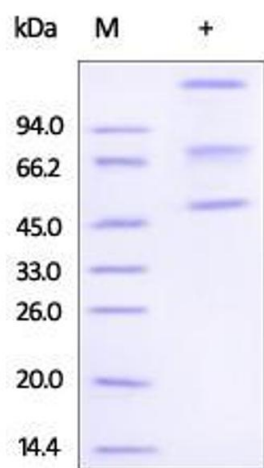
Format: Lyophilized

Buffer: 50 mM Tris, 150 mM NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized Protein should be stored at -20 °C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20 °C or -70 °C. Avoid repeated freeze-thaw cycles.



SDS-PAGE

Image 1. Human ADAM8, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85%.