

Datasheet for ABIN7273803

ADAM8 Protein (AA 17-658) (His tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ADAM8
Protein Characteristics:	AA 17-658
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM8 protein is labelled with His tag.

Product Details

Purpose:	Mouse ADAM8 Protein
Sequence:	Pro17-Ser658
Characteristics:	Recombinant Mouse ADAM8 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Pro17-Ser658.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ADAM8
Alternative Name:	ADAM8 (ADAM8 Products)

Target Details

Background:	A Disintegrin And Metalloproteinase (ADAM) proteases constitute a family of multifunctional, membrane-bound proteins with traditional sheddase functions. Their protumorigenic potential has been attributed to both, essential (ADAM10 and ADAM17) and 'dispensable' ADAM proteases (ADAM8, 9, 12, 15, and 19). Of specific interest in this review is the ADAM proteinase ADAM8 that has been identified as a significant player in aggressive malignancies including breast, pancreatic, and brain cancer.
Molecular Weight:	71.7 kDa. Due to glycosylation, the protein migrates to 55-65 kDa and 35-45 kDa based on Tris-Bis PAGE result.
UniProt:	Q05910
Pathways:	Activation of Innate immune Response, M Phase

Application Details

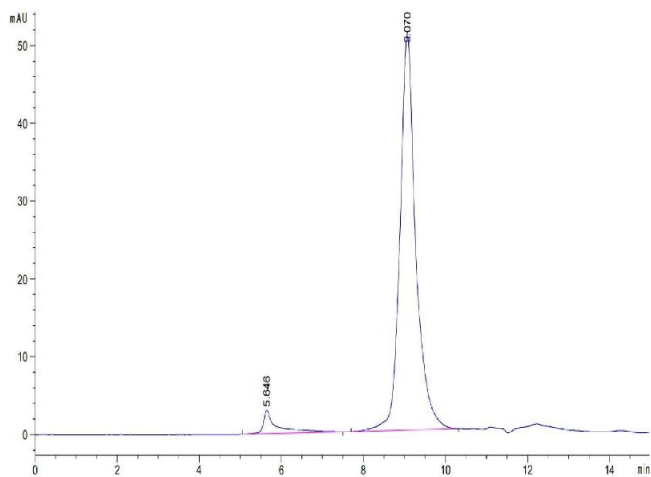
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse ADAM8 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse ADAM8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

