

Datasheet for ABIN7273801

ADAM8 Protein (AA 17-655) (His tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ADAM8
Protein Characteristics:	AA 17-655
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM8 protein is labelled with His tag.

Product Details

Purpose:	Human ADAM8 Protein
Sequence:	Ile17-Pro655
Characteristics:	Recombinant Human ADAM8 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile17-Pro655.
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.
Biological Activity Comment:	Immobilized Human ADAM8, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-ADAM8 Antibody, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA. See testing image for detail.

Target Details

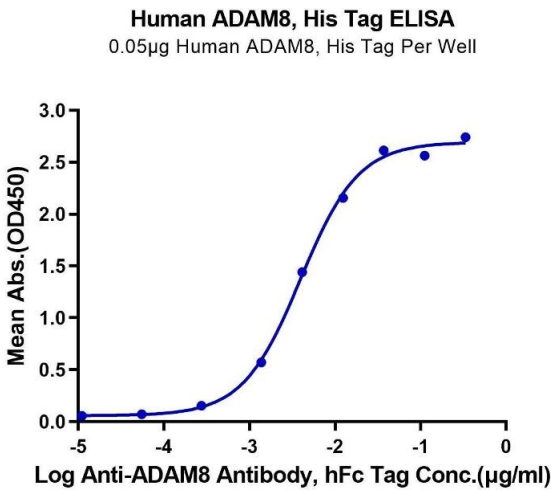
Target:	ADAM8
Alternative Name:	ADAM8 (ADAM8 Products)
Background:	A Disintegrin And Metalloproteinase (ADAM) proteases constitute a family of multifunctional, membrane-bound proteins with traditional sheddase functions. Their protumorigenic potential has been attributed to both, essential (ADAM10 and 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:	70.9 kDa same as Tris-Bis PAGE result.
UniProt:	P78325
Pathways:	Activation of Innate immune Response, M Phase

Application Details

Restrictions:	For Research Use only
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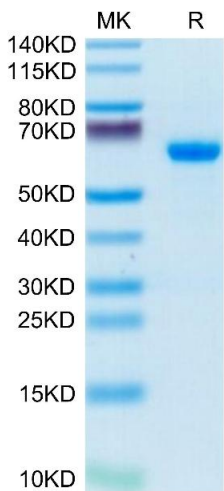
Handling

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



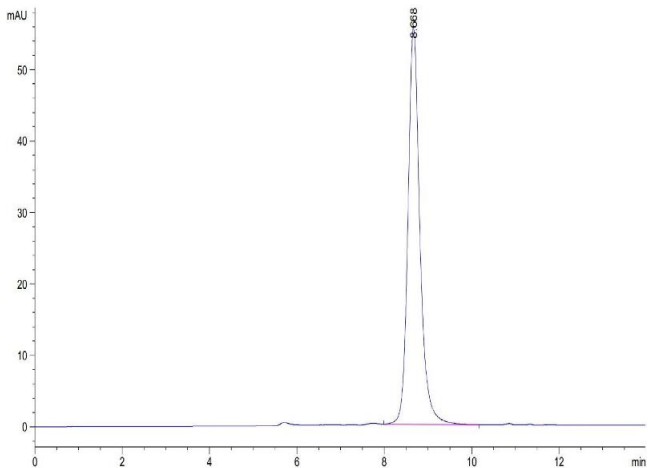
ELISA

Image 1. Immobilized Human ADAM8, His Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-ADAM8 Antibody, hFc Tag with the EC50 of 4.0 ng/mL determined by ELISA.



SDS-PAGE

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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human ADAM8 is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7273801.