



Datasheet for ABIN7273802

ADAM9 Protein (AA 29-697) (His tag)



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2 Images

Overview

Quantity:	100 µg
Target:	ADAM9
Protein Characteristics:	AA 29-697
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM9 protein is labelled with His tag.

Product Details

Purpose:	Human ADAM9 Protein
Sequence:	Ala29-Asp697
Characteristics:	Recombinant Human ADAM9 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala29-Asp697.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ADAM9
Alternative Name:	ADAM9 (ADAM9 Products)

Target Details

Background: A disintegrin and metalloproteinase 9 (ADAM9) is a member of the transmembrane ADAM family. It is expressed in different types of solid cancer and promotes tumor invasiveness. ADAM9 may be a prognostic marker for vestibular schwannomas (VS), and ADAM9 inhibition might have the potential as a systemic approach for the treatment of VS.

Molecular Weight: 77.95 kDa. Due to glycosylation, the mature form migrate to 45 kDa and 60-80 kDa based on Tris-Bis PAGE result.

Pathways: [Cellular Response to Molecule of Bacterial Origin, SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

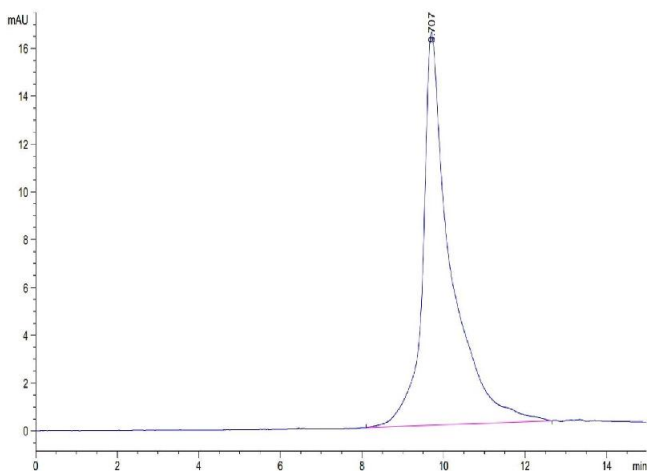
Buffer: Supplied as 0.22µm filtered solution in 50 mM Tris, 500 mM NaCl, 0.005 % Brij-35, 20 % Glycerol (pH 8.5).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

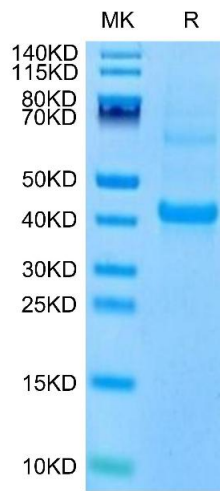
Expiry Date: 12 months

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human ADAM9 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human ADAM9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .