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Datasheet for ABIN7538119

## ADAM9 Protein (AA 29-698) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	ADAM9
Protein Characteristics:	AA 29-698
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM9 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Cynomolgus ADAM9 protein with C-terminal 6xHis tag
Specificity:	ADAM9 (Ala29-Gly698) 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:	ADAM9
Alternative Name:	ADAM9 ( <a href="#">ADAM9 Products</a> )
Background:	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family.

## Target Details

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Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jul 2010]

**Molecular Weight:** predicted molecular mass of 74.9 kDa after removal of the signal peptide. The apparent molecular mass of cADAM9-His is 55-100 kDa due to glycosylation.

**UniProt:** [A0A2K5X4X8](#)

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

## Application Details

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**Restrictions:** For Research Use only

## Handling

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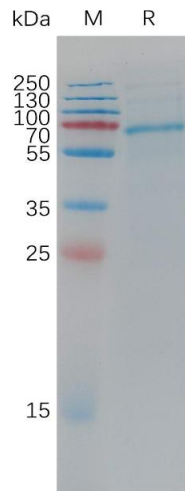
**Format:** Lyophilized

**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.** Cynomolgus A Protein, His Tag on SDS-PAGE under reducing condition.