

PRODUCT INFORMATION

Target ADAM9

Synonyms CORD9;MCMP;MDC9;Mltng

Recombinant human ADAM9 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q13443 **HEK293 Expression Host** Tag C-6×His Tag

Purity

Background

Usage Conjugate

Molecular ADAM9(Ala29-Asp697) 6×His Tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 74.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient temperature.

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. 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 membraneanchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene. [provided by

> Email: info@dimabio.com Website: www.dimabio.com

RefSeq, Jul 2010] Research use only Unconjugated



/+86-400-006-0995(China)





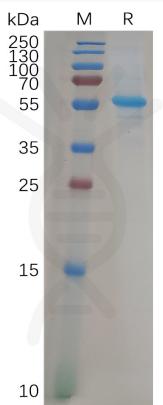


Figure 1. Human ADAM9 Protein, His Tag on SDS-PAGE under reducing (R) conditions.

Human ADAM9, His tagged protein ELISA

0.1 μg of Human ADAM9, His tagged protein per well

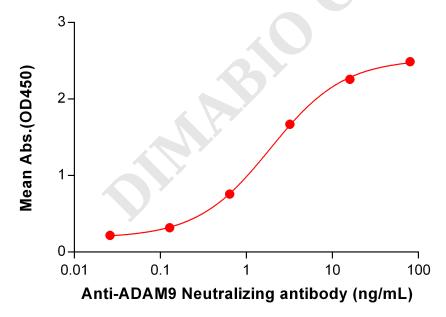


Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human ADAM9 protein, His Tag (PME100901) can bind Anti-ADAM9 Neutralizing antibody BME100064 in a linear range of 0.128-16 ng/mL.

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Human ADAM9, His Tagged protein ELISA

0.2 μg of Human ADAM9, His tagged protein per well

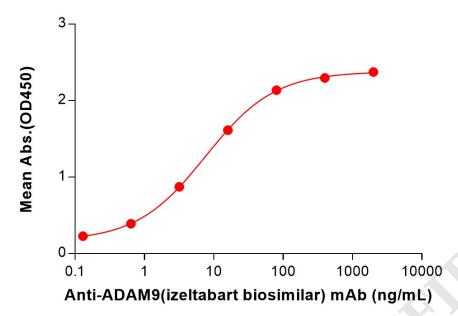


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human ADAM9 Protein, His Tag (PME100901) can bind Anti-ADAM9(izeltabart biosimilar) mAb (BME100230) in a linear range of 0.64–80 ng/mL.

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