

## 32-18457: Cynomolgus ADAM9 Protein, His Tag

**Uniprot ID :** A0A2K5X4X8

**Alternative Name :** CORD9;MCMP;MDC9;Mltng

### Description

**Description :** Recombinant Cynomolgus ADAM9 protein with C-terminal 6 $\times$ His tag

**Background :** 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 membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene.

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

**Tag :** C-6 $\times$ His Tag

### Product Info

**Amount :** 50  $\mu$ g / 100  $\mu$ g

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

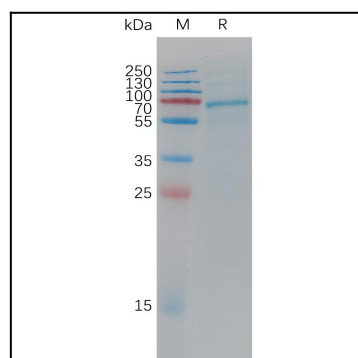


Figure 1. Cynomolgus ADAM9 Protein, His Tag on SDS-PAGE under reducing condition.