

PRODUCT INFORMATION

| | |
|---|--|
| Target | ADAM9 |
| Synonyms | AU020942;MDC9;mKIAA0021;Mltng |
| Description | Recombinant mouse ADAM9 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q61072 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | Mouse ADAM9(Gly30-Asp697) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 74.3 kDa after removal of the signal peptide. The apparent molecular mass of mADAM9-His is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | Cleaves and releases a number of molecules with important roles in tumorigenesis and angiogenesis, such as TEK, KDR, EPHB4, CD40, VCAM1 and CDH5 (PubMed:19273593). May mediate cell-cell, cell-matrix interactions and regulate the motility of cells via interactions with integrins (PubMed:10825303).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



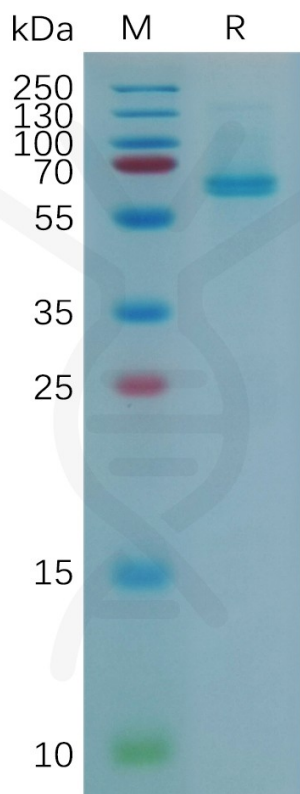


Figure 1. Mouse ADAM9 Protein, His Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

