

## Recombinant Mouse Adam17 protein, His-tagged

Cat. No. Adam17-522M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse Adam17 protein(Pro 18 - Asp 563), fused with His tag, was expressed in HEK293.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Pro 18 - Asp 563  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 50 mM MES, 150 mM NaCl, pH6.5. Normally trehalose is added as protectant before lyophilization.   |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 63.4 kDa. The protein migrates as 19 kDa and 20 kDa (Propeptide), 55-66 kDa (Mature-ADAM17) and 75-94 kDa (Pro-ADAM17) under reducing (R) condition (SDS-PAGE) due to glycosylation.                 |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.  |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.   |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Adam17 a disintegrin and metalloproteinase domain 17 \[ Mus musculus \]](#)

**Official Symbol** [Adam17](#)

**Synonyms** ADAM17; a disintegrin and metalloproteinase domain 17; disintegrin and metalloproteinase domain-containing protein 17; ADAM 17; TNF-alpha convertase; TNF-alpha converting enzyme; TNF-alpha-converting enzyme; a disintegrin and metalloproteinase domain 17; a disintegrin and metalloprotease domain 17; Tace; CD156b;

**Gene ID** [11491](#)

**mRNA Refseq** [NM\\_009615](#)

**Protein Refseq** [NP\\_033745](#)

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