

Recombinant Mouse Adam17 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Adam17 protein(Pro 18 - Asp 563), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Pro 18 - Asp 563
Form	Lyophilized from 0.22 µm filtered solution in 50 mM MES, 150 mM NaCl, pH6.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	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 metallopeptidase 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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