

Active Recombinant Mouse ADAM15 Protein, His-tagged

Cat. No. ADAM15-948M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ADAM15 (O88839-1) extracellular domain (Met 1-Thr 697) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-697 a.a.
Predicted N Terminal	Arg 18 & Asp 208
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	1. Measured by its ability to bind human PTK6 in a functional ELISA. 2. Measured by its ability to bind human SRC in a functional ELISA. 3. Measured by its ability to bind mouse SRC in a functional ELISA. 4. Measured by its ability to bind human LYN in a
Molecular Mass	The secreted recombinant mouse ADAM15 (pro form) comprises 691 amino acids and has a calculated molecular mass of 74.6 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 80-90 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Adam15 a disintegrin and metallopeptidase domain 15 (metargidin) [<i>Mus musculus</i>]
Official Symbol	ADAM15
Synonyms	ADAM15; a disintegrin and metallopeptidase domain 15 (metargidin); disintegrin and metalloproteinase domain-containing protein 15; AD56; MDC-15; ADAM 15; disintegrin and metalloprotease 15; metalloprotease RGD disintegrin protein; a disintegrin and metall
Gene ID	11490
mRNA Refseq	NM_001037722
Protein Refseq	NP_001032811
MIM	
UniProt ID	
Function	SH3 domain binding; hydrolase activity; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; protein binding; zinc ion binding;

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