

Recombinant Mouse Adam8 protein, His-tagged

Cat. No. Adam8-616M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Adam8 aa. (Glu145~Cys493) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu145~Cys493
Description	This gene encodes a member of the Adam family of proteins that contain the disintegrin and metalloprotease domains. The encoded protein is localized to the cell surface, where it is involved in the remodeling of extracellular matrix and cell migration. Mice lacking the encoded protein display persistent inflammation upon treatment with allergens. Alternative splicing of this gene results in multiple variants.
Form	Freeze-dried powder
Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.

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Applications	Positive Control; Immunogen; SDS-PAGE; WB
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	Adam8 a disintegrin and metallopeptidase domain 8 [Mus musculus (house mouse)]
Official Symbol	Adam8
Synonyms	Adam8; a disintegrin and metallopeptidase domain 8; MS2; CD156; ADAM 8; CD156a; E430039A18Rik; disintegrin and metalloproteinase domain-containing protein 8; a disintegrin and metalloprotease domain 8; cell surface antigen MS2; macrophage cysteine-rich glycoprotein
Gene ID	11501

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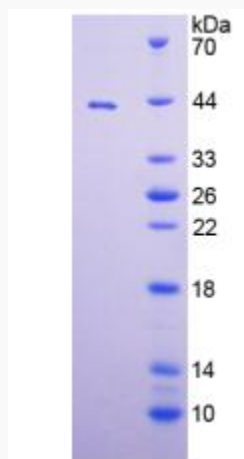
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mRNA Refseq [NM_001291066.2](#)

Protein Refseq [NP_001277995.1](#)

UniProt ID [Q3U7G2](#)

SDS-PAGE



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