

## Recombinant Mouse Adam8 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Adam8 aa. (Glu145~Cys493) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu145~Cys493
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	44kDa as determined by SDS-PAGE reducing conditions
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.3.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200g/mL
<b>Storage buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Adam8 a disintegrin and metallopeptidase domain 8 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Adam8</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">11501</a>

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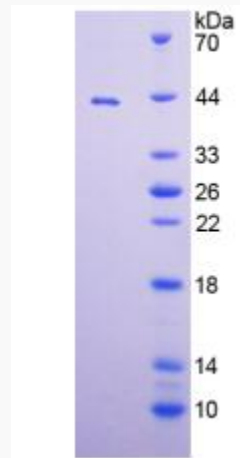
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mRNA Refseq [NM\\_001291066.2](#)

Protein Refseq [NP\\_001277995.1](#)

UniProt ID [Q3U7G2](#)

**SDS-PAGE**



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