

Recombinant Mouse ADAM8 protein, His-tagged

Cat. No. ADAM8-1305M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ADAM8 protein(Q05910)(Pro17-Ser658), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Pro17-Ser658
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-PLAQAV-Dpa-RSSSR-NH ₂ . The specific activity is > 0.4 pmol/min/g.
Molecular Mass	The protein has a predicted MW of 71.7 kDa. Due to glycosylation, the protein migrates to 60-72 kDa and 35-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name

[Adam8 a disintegrin and metallopeptidase domain 8 \[Mus musculus \]](#)

Official Symbol

[ADAM8](#)

Synonyms

ADAM8; a disintegrin and metallopeptidase domain 8; disintegrin and metalloproteinase domain-containing protein 8; ADAM 8; cell surface antigen MS2; macrophage cysteine-rich glycoprotein; a disintegrin and metalloprotease domain 8; a disintegrin and metalloprotease domain (ADAM) 8; MS2; CD156; CD156a; E430039A18Rik;

Gene ID

[11501](#)

mRNA Refseq

[NM_007403](#)

Protein Refseq

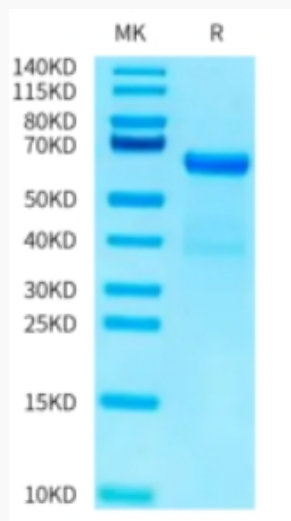
[NP_031429](#)

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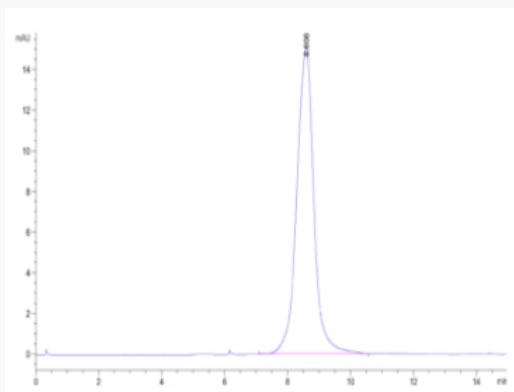
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Tris-Bis PAGE



SEC-HPLC



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