

Recombinant Human ADAM8 Protein, His tagged

Cat. No. ADAM8-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM8 Protein with His tag was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	158-653 aa
Description	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration, and it is thought to be a target for allergic respiratory diseases, including asthma. Alternative splicing results in multiple transcript variants.
AASequence	MEHLLQTAGTCGVSDDSLGSLLGPRTAAVFRPRPGDSLPSRETRYVELYVVVDNAE FQMLGSEAAVRHRVLEVVNHVDKLYQKLNFRVVLVGLIWNQSQDRFHVSPDPSVTL ENLLTWQARQRTRRHLHDNVQLITGVDFGTGTTVG FARVSAMCSHSSGAVNQDHSK NPVGVACTMAHEMGHNLGMDHDENVQGCRCQERFEAGRCIMAGSIGSSFPRMFS DCSQAYLESFLERPQSVCLANAPDLSHLVGGPVCNLFVERGEQCDGPPEDCRN RCCNSTTCQLAEGAQCAHGTCCQECKVKPAGELCRPKKDMCDLEEFCDGRHPEC PEDAFQENGTPCSGGYCYNGACPTLAQQCQAFWGPGGQAAEESCFSYDILPGCK

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ASRYRADMCGVLQCKGGQQPLGRAICIVDVCHALT TEDGTAYEPVPEGTRCGPEKV
CWKGRCQDLHVYRSSNCSAQCHNHGVCNHHKQECHCHAGWAPPHCAKLLTEVHA
ASGSHHHHHHHH

Molecular Mass 55 kDa

Endotoxin < 1 EU/μg of protein (determined by LAL method)

Purity > 80% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4, 0.05% SKL

Concentration 1 mg/mL by BCA

GENE INFORMATION

Gene Name [ADAM8 ADAM metalloproteinase domain 8 \[Homo sapiens \(human\) \]](#)

Official Symbol [ADAM8](#)

Synonyms ADAM8; ADAM metalloproteinase domain 8; a disintegrin and metalloproteinase domain 8; disintegrin and metalloproteinase domain-containing protein 8; CD156; MS2; cell surface antigen MS2; human leukocyte differentiation antigen; MGC134985

Gene ID [101](#)

mRNA Refseq [NM_001109](#)

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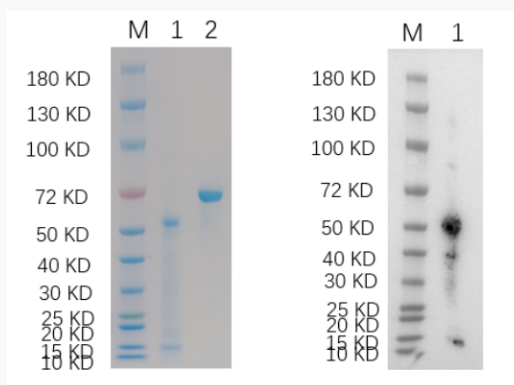
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Protein Refseq NP_001100

MIM 602267

UniProt ID P78325

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified ADAM8. 1. ADAM8: 1 μ g 2. BSA: 1 μ g

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