

Recombinant Human ADAM8 Protein, His-tagged

Cat. No. ADAM8-086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ADAM8 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	824
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.
Form	Lyophilized
Molecular Mass	71.6 kDa
AA Sequence	MRGLGLWLLGAMMLPAIAPSRPWALMEQYEVVLPRLPGPRVRRALPSHLGLHPE RVS YVLGATGHNFTLHLRKNRDLLGSGYTETYTAANGSEVTEQPRGQDHC FYQGH VEGY PDSAASLSTCAGLRGFFQVGS DLHLIEPLDEGGEGGRHAVYQAEHLLQTAGT CGVSDDSLGSL LGPRTAAVFRPRPGDSLPSRETRYVELYVVVDNAEFQMLGSEAAV

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RHRVLEVNVNHDVKLYQKLNFRVVLVGLIWNNSQDRFHVSPDPSVTLENLLTWQARQ
 RTRRHLHDNVQLITGVDFGTGTVGFARVSAMCSHSSGAVNQDHSKNPVGVACTMA
 HEMGHNLGMDHDENVQGCRCQERFEAGRCIMAGSIGSSFPRMFSDCSQAYLESFL
 ERPQSVCLANAPDLSHLVGGPVCGNLFVERGEQCDCGPPEDCRNRCCNSTTCQLA
 EGAQCAHGTCCQECKVKPAGELCRPKKDMCDLEEFCDGRHPECPEDAFQENGTP
 CSGGYCYNGACPTLAQQCQAFWGPGGQAAEESCFSYDILPGCKASRYRADMCGV
 LQCKGGQQPLGRAICIVDVCHALTTEGDTAYEPVPEGTRCGPEKVCWKGRQCQLH
 VYRSSNCSAQCHNHGVCNHHKQECHCHAGWAPPHCAKLLTEVHAASGSLPVLVVVV
 LVLLAVVLVTLAGIIVYRKARSRILSRNVAPKTTMGRSNPLFHQAASRVPAKGGAPAP
 SRGPQELVPTTHPGQPARHPASSVALKRPPPAPPVTVSSPPFPVPVYTRQAPKQVI
 KPTFAPPVPPVKPGAGAANPGPAEGAVGPKVALKPPIQRKQGAGAPTAP

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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GENE INFORMATION

Gene Name	ADAM8 ADAM metallopeptidase domain 8 [Homo sapiens (human)]
Official Symbol	ADAM8
Synonyms	ADAM8; ADAM metallopeptidase 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
Protein Refseq	NP_001100
MIM	602267
UniProt ID	P78325

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