

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 RVSYVLGATGHNFTLHLRKNRDLLGSGYTETYTAANGSEVTEQPRGQDHCIFYQGH VEGYPDSAASLSTCAGLRGFFQVGS DLHLIEPLDEGGEGGRHAVYQAEHLLQTAGT CGVSDDSLGSLLGPRTAAVFRPRPGDSLPSRETRYVELYVVVDNAEFQMLGSEAAV

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RHRVLEVVNHVDKLYQKLNFRVVLVGLIWN SQDRFHVSPDPSVTLENLLTWQARQ
 RTRRHLHDNVQLITGVDFGTGTVGFARVSAMCSHSSGAVNQDHSKNPVG VACTMA
 HEMGHNLGMDHDENVQGCRQCERFEAGRCIMAGSIGSSFP RMFSDCSQAYLESFL
 ERPQSVCLANAPDLSHLVGGPVCGNLFVERGEQCDCGPPEDCRNRCCNSTTCQLA
 EGAQCAHGTCCQECKVKPAGELCRPKKDMCDLEEFCDGRHPECPEDAFQENGTP
 CSGGYCYNGACPTLAQQCQAFWGP GGQAAEESCFSYDILPGCKASRYRADMCGV
 LQCKGGQQPLGRAICIVDVCHALT TEDGTAYEPVPEGTRCGPEKVCWKGR CQDLH
 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 H₂O 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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA