Recombinant Human ADAM8 protein, His & T7-tagged

Cat. No. ADAM8-615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM8 aa. (Ser371~Glu587 (Accession # P78325)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser371~Glu587
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%

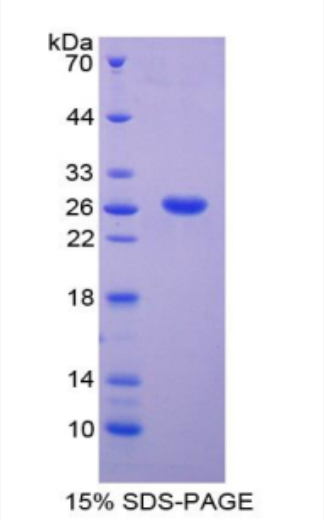
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Characteristic	The isoelectric point is 5.2.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	ADAM8 ADAM metallopeptidase domain 8 [Homo sapiens (human)]
Official Symbol	ADAM8
Synonyms	ADAM8; ADAM metallopeptidase domain 8; MS2; CD156; CD156a; disintegrin and metalloproteinase domain-containing protein 8; a disintegrin and metalloproteinase domain 8; cell surface antigen MS2; human leukocyte differentiation antigen
Gene ID	101
mRNA Refseq	NM_001109.4
Protein Refseq	NP_001100.3

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UniProt ID	P78325
SDS-PAGE	

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