

Recombinant Human ADAM10 protein, His-tagged

Cat. No. ADAM10-7638H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM10 aa. (Arg420~Val641 (Accession # O14672)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg420~Val641
Description	Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes and ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. Alternate splicing results in multiple transcript variants encoding different proteins that may undergo similar processing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.

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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

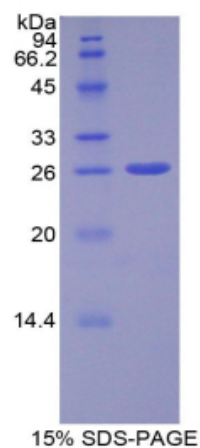
Gene Name	ADAM10 ADAM metallopeptidase domain 10 [Homo sapiens (human)]
Official Symbol	ADAM10
Synonyms	RAK; kuz; AD10; AD18; MADM; CD156c; CDw156; HsT18717; a disintegrin and metalloprotease domain 10; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; disintegrin and metalloproteinase domain-containing protein 10
Gene ID	102
mRNA Refseq	NM_001110.3
Protein Refseq	NP_001101.1
UniProt ID	O14672

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SDS-PAGE



15% SDS-PAGE

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