

Recombinant Human ADAM33 protein, His & T7-tagged

Cat. No. ADAM33-1484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM33 aa. (Lys210~Asp503 (Accession # Q9BZ11)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys210~Asp503
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. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.9

GENE INFORMATION

Gene Name	ADAM33 ADAM metallopeptidase domain 33 [Homo sapiens (human)]
Official Symbol	ADAM33
Synonyms	ADAM33; ADAM metallopeptidase domain 33; C20orf153; DJ964F7.1; disintegrin and metalloproteinase domain-containing protein 33; ADAM 33; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and reprolysin metalloproteinase family protein
Gene ID	80332
mRNA Refseq	NM_001282447.2

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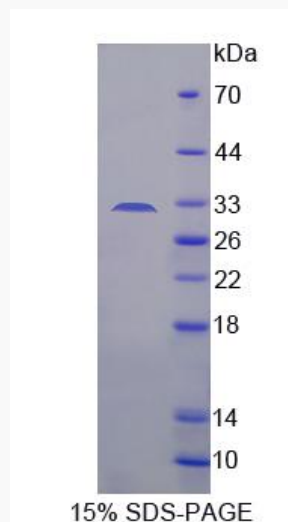
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Protein Refseq NP_001269376.1

UniProt ID Q9BZ11

SDS-PAGE



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