

A Disintegrin And Metalloprotease 10 (ADAM10) Recombinant Protein | ADAM10 recombinant protein

Recombinant A Disintegrin And Metalloprotease 10 (ADAM10)

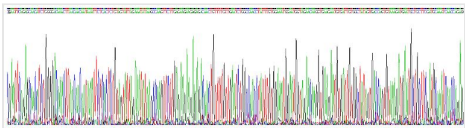
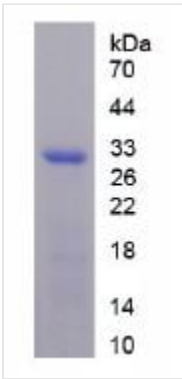
CATALOG # AAA134127	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 10 (ADAM10); Recombinant A Disintegrin And Metalloprotease 10 (ADAM10); ADAM10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder
Concentration	150ug/mL (varies by lot)
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GSEF-RA TSGDKLNNNK FSLCSIRNIS QVLEKKRNNC FVESGQPICG NGMVEQGEEC DCGYSDQCKD ECCFDANQPE GRKCKLKP GK QCSPSQGPCC TAQCAFKSKS EKCRDDSDCA REGICNGFTA LCPASDPKPN FTDCNRHTQV CINGQCAGSI CEKYGLEECT CASSDGKDDK ELCHVCCMKK MDPSTCASTG SVQWSRHFSG RTITLQPGSP CNDFRGYCDV
Sequence Length	748
Applicable Applications for ADAM10 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg420~Val641 (Accession # O14672) with N-terminal His-Tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein. Endomembrane system
Buffer	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.



Gene Sequence
Gene Sequencing

SDS-PAGE

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      R  ATSGDKLNNN  KFSLCSIRNI  SQVLEKKRNN
CFVESGQPIC  GNGMVEQGEE  CDCGYSDQCK  DECCFDANQP  EGRKCKLKPG
KQCSPSQGPC  CTAQCAFKSK  SEKCRDSDC  AREGICNGFT  ALCPASDPKP
NFTDCNRHTQ  VCIINGQCAGS  ICEKYGLEEC  TCASSDGKDD  KELCHVCCMK
KMDPSTCAST  GSVQWSRHFS  GRTITLQPGS  PCNDFRGYCD  V

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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557251
NCBI GeneID	102
NCBI Accession #	NP_001101.1
NCBI GenBank Nucleotide #	NM_001110.3
UniProt Accession #	O14672; Q10742; Q92650
Molecular Weight	Predicted Molecular Mass: 25.4kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 10
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 10
NCBI Official Symbol	ADAM10
NCBI Official Synonym Symbols	RAK; kuz; AD10; AD18; MADM; CD156c; HsT18717
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 10; CDw156; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; a disintegrin and metalloprotease domain 10
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 10
UniProt Gene Name	ADAM10
UniProt Synonym Gene Names	KUZ; MADM; ADAM 10
UniProt Entry Name	ADA10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.