

A Disintegrin And Metalloprotease 15 (ADAM15) Recombinant Protein | ADAM15 recombinant protein

Recombinant A Disintegrin And Metalloprotease 15 (ADAM15)

CATALOG # AAA134105	HOST E.coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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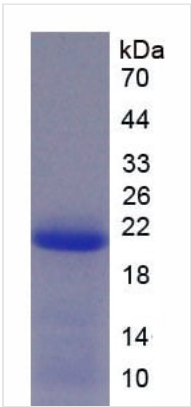
PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 15 (ADAM15); Recombinant A Disintegrin And Metalloprotease 15 (ADAM15); ADAM15 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Human
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200>g/mL (varies by lot)
Applicable Applications for ADAM15 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residuess	Ser505~Arg745
Tags	N-terminal His Tag
Tissue Specificity	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
Predicted Molecular Mass	27.0kDa
Accurate Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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.

IMAGES



SLGDGE	PCAGGQAVCM	HGRCSYAQQ	CQSLWGPGAQ	PAAPLCLQTA
NTRGNAFGSC	GRNPSGSYVS	CTPRDAICGQ	LQCQTGRTP	LLGSIRDLLW
ETIDVNGTEL	NCSWVHLDLG	SDVAQPLLT	PGTACGGLV	CIDHRCQRVD
LLGAQECRSK	CHGHVCDSN	RHCYCEGWA	PPDCTTQLKA	TSSLTTGLLL
SLLVLLVLM	LGASYWYRAR	LHQRLCQLKG	PTCQYRAAQS	GPSE

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A6NG98
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 15
UniProt Gene Name	ADAM15
UniProt Entry Name	A6NG98_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.

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Online datasheet: <https://stage.aaabiotech.com/adam15-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134105>