

## A Disintegrin And Metalloprotease 8 Recombinant Protein | ADAM8 recombinant protein

Recombinant A Disintegrin And Metalloprotease 8 (ADAM8)

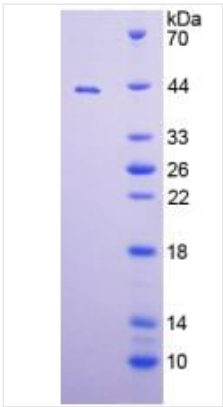
|                               |                                                           |                                                                           |
|-------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|
| CATALOG #<br><b>AAA144495</b> | HOST<br><b>Host: E ColiSource: Prokaryotic expression</b> | APPLICATIONS<br><b>Immunoprecipitation, ELISA, Western Blot, SDS-Page</b> |
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### PRODUCT SYNONYMS

A Disintegrin And Metalloprotease 8; Recombinant A Disintegrin And Metalloprotease 8 (ADAM8); ADAM8 recombinant protein

### PRODUCT SPECIFICATIONS

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|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Host: E Coli<br>Source: Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                                   | >95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                           | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                         | 6.3 (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                              | The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below.<br>MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-E EGQHAMYQAK HLQKAGTCG VKDTNLDNLG<br>PRALEIYRAQ PRNWLIPRET RYVELYVAD SQEFQKLGSR EAVRQRVLEV VNHVDKLYQE LSFRVVLVGL<br>EIWNKDKFYI SRYANVTLEN FLSWREQNLQ GQHPHDNVQL ITGVDFIGST VGLAKVSALC SRHSGAVNQD<br>HSKNSIGVAS TMAHELGHNL GMSHDEDIPG CYCPEPREGG GCIMTESIGS KFPRIFSRCS KIDLESFVTK<br>PQTGCLTNVP DVNRFVGGPV CGNLFVEHGE QCDCGTPQDC QNPCCNATTC QLVKGAECAS GTCHECKVK<br>PAGEVCRLSK DKCDLEEFCD GRKPTCPEDA FQQNGTPC |
| Applicable Applications for ADAM8 recombinant protein | IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Predicted Molecular Mass                              | 42.5kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accurate Molecular Mass (KD)                          | 44kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Endotoxin                                             | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Expression System                                     | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Tag                                                   | two N-terminal Tags, His-tag and T7-tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Organism Species                                      | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Fragment                                              | Glu145~Cys493                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Usage                                                 | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                               | Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.                                |



Sequence

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EEGQHA
MYQAKHLQOK AGTCGVKDTN LNDLGPPALE IYRAQPPNNL IPRETRYVEL
YVVADSQEFQ KLGSPKAVRQ RVLEVNNHVD KLYQELSFNV VLVGLEIWNK
DKFYISRYAN VTLENFLSHR EQNLQGQHPH DNVLITGVD FIGSTVGLAK
VSALCSRHSQ AVNQDHSKNS IGVASTMAHE LGHNLGMSHD EDIPGCYCPE
PREGGGCIAT ESIGSKFPRI FSRCSKIDLE SFVTKPQTGC LTNVPDVNRF
VGGPVCGNLF VEHGEQCDG TPQDCQNPCC NATTCQLVKG AECASTGTCCH
ECKVKPAGEV CRLSKDKCDL EEFCQGRKPT CPEDAFQQNG TPC
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SDS-PAGE

**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.