

# Recombinant human ADRM1 protein

Catalog Number: ATGP1498

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-407aa

### UniProt No.

Q16186

### NCBI Accession No.

NP\_783163

### Alternative Names

Proteasomal ubiquitin receptor ADRM1, ARM1, GP110, Rpn13

## PRODUCT SPECIFICATION

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### Molecular Weight

44.7 kDa (431aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ADRM1, also known as proteasomal ubiquitin receptor ADRM1, functions as a proteasomal ubiquitin receptor. This protein is an integral plasma membrane protein which promotes cell adhesion. ADRM1 is thought to undergo O-linked glycosylation. Expression of this gene has been shown to be induced by gamma interferon in some cancer cells. Recombinant human ADRM1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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## Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSHTTTSGA LFPSLVPGSR GASNKYLVEF RAGKMSLKGT TVTPDKRKGL  
VYIQQTDDSL IHFCWKDRS GNVEDDLIIF PDDCEFKRVP QCPSGRVYVL KFKAGSKRLF FWMQEPKTDQ DEEHCRKVNE  
YLNNPPMPGA LGASGSSGHE LSALGGEGGL QSLLGNMSHS QLMQLIGPAG LGGLGGLGAL TGPGLASLLG SSGPPGSSSS  
SSRSQSAAV TPSSTTSSTR ATPAPSAPAA ASATSPSPAP SSGNGASTAA SPTQPIQLSD LQSILATMNV PAGPAGGQQV  
DLASVLTPEI MAPILANADV QERLLPYLPS GESLPQTAE IQNTLTSPQF QQALGMFSAA LASGQLGPLM CQFGLPAEAV  
EAANKGDVEA FAKAMQNNAK PEQKEGDTKD KKDEEEDMSL D

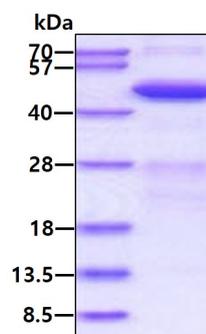
## General References

Hamazaki J., et al. (2006) EMBO J. 25:4524-4536

Qiu X.-B., et al. (2006) EMBO J. 25:5742-5753

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.