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Recombinant human ADRM1 protein

Catalog Number: ATGP1498

PRODUCT INFORMATION

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

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

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

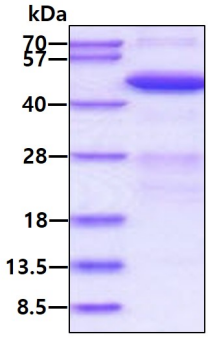
<MGSSHHHHHH SSGLVPRGSH MGSH>MTTSGA LFPSLVPGSR GASNKYLVEF RAGKMSLKGT TVTPDKRKGL VYIQQTDDSL IHFCWKDRTS GNVEDDLIIF PDDCEFKRVP QCPSGRVYVL KFKAGSKRLF FWMQEPKTDQ DEEHCRKVNE YLNNPPMPGA LGASGSSGHE LSALGGEGGL QSLLGNMSHS QLMQLIGPAG LGGLGGLGAL TGPGLASLLG SSGPPGSSSS SSSRSQSAAV TPSSTTSSTR ATPAPSAPAA ASATSPSPAP SSGNGASTAA SPTQPIQLSD LQSILATMNV PAGPAGGQQV DLASVLTPEI MAPILANADV QERLLPYLPS GESLPQTADE 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.