

AR50322PU-N

Human ADRM1 / GP110 (1-407, His-tag) - Purified

Alternate names:

110 kDa cell membrane glycoprotein, Adhesion-regulating molecule 1, Proteasomal ubiquitin receptor ADRM1, Proteasome regulatory particle non-ATPase 13, Rpn13 homolog

Quantity:

0.25 mg

Concentration:

1mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q16186](#)

NCBI:

[NP_783163.1](#)

GeneID:

[11047](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Description:

Recombinant human ADRM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHH SGLVPRGSH MSHMTTSGA LFPSLVPGSR GASNKYLVEF RAGKMSLKGT
TVTPDKRKGL VYIQQTDDSL IHFCWKDRTS GNVEDDLIIF PDDCEFKRVP QCPSGRVYVL
KFKAGSKRLF FWMQEPKTDQ DEEHCRKVNE YLNNPPMPGA LGASGSSGHE LSALGGEGGL
QSLLGNMSHS QLMQLIGPAG LGGLGGLGAL TGPGLASLLG SSGPPGSSSS SSSRSQSAV
TPSSTTSSTR ATPAPSAPAA ASATSPSPAP SSGNGASTAA SPTQPIQLSD LQSILATMNV
PAGPAGGQQV DLASVLTPEI MAPILANADV QERLLPYLPS GESLPQTAD E IQNTLTSPQF
QQALGMFSAA LASGQLGPLM CQFGLPAEAV EAANKGDVEA FAKAMQNNAK PEQKEGDTKD
KKDEEDMSL D

Molecular weight: 44.7 kDa (431aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Hamazaki J., et al. (2006) EMBO J. 25:4524-4536 Qiu X.-B., et al. (2006) EMBO J. 25:5742-5753

Pictures:

