

## ADRM1 Human

**Description:**ADRM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 431 amino acids (1-407 a.a) and having a molecular mass of 44.7kDa.ADRM1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-1086

For research use only.

**Synonyms:**Proteasomal ubiquitin receptor ADRM1, 110 kDa cell membrane glycoprotein, Gp110, Adhesion-regulating molecule 1, ARM-1, Proteasome regulatory particle non-ATPase 13, hRpn13, Rpn13 homolog, ADRM1, ARM1, Rpn13.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMTTSGA LFPSLVPGSR  
GASNKYLVEF RAGKMSLKGT TVTPDKRKGL VYIQTDDSL IHFCWKDRTS GNVEDDLIIF  
PDDCEFKRVP QCPSGRVYVL KFKAGSKRLF FWMQEPKTDQ DEEHCARKVNE YLNNPPMPGA  
LGASGSSGHE LSALGGEGGL QSLGNMSSH QLMQLIGPAG LGGLGGLGAL TGPGLASLLG  
SSGPPGSSSS SS

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

ADRM1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Proteasomal ubiquitin receptor ADRM1 (ADRM1) functions as a proteasomal ubiquitin receptor. ADRM1 is an integral plasma membrane protein which promotes cell adhesion. ADRM1 is assumed to undergo O-linked glycosylation. ADRM1 gene expression is induced by gamma interferon in some cancer cells. ADRM1 employs the deubiquitinating enzyme UCHL5 at the 26S proteasome and promotes its activity.

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