
Product Data Sheet

Product Name: ADRM1 Human
 Cat. No.: GP22681
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMTTSGA LFPSLVPGSR GASNKYLVEF RAGKMSLKGT TVTPDKRKGL VYIQQTDDSL IHFCWKDRTS GNVEDDLIIF PDDCEFKRVP QCPSGRVYVL KFKAGSKRLF FWMQEPKTDQ DEEHCRCVNE 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.</p>		
Formulation	ADRM1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.		

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 employs the deubiquitinating enzyme UCHL5 at the 26S proteasome and promotes its activity.

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%

Caution: Product has not been fully validated for medical applications. For research use only.

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

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