

Recombinant Human ADRM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ADRM1-664H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ADRM1 MS Standard C13 and N15-labeled recombinant protein (NP_008933) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the adhesion regulating molecule 1 protein family. The encoded protein is a component of the proteasome where it acts as a ubiquitin receptor and recruits the deubiquitinating enzyme, ubiquitin carboxyl-terminal hydrolase L5. Increased levels of the encoded protein are associated with increased cell adhesion, which is likely an indirect effect of this intracellular protein. Dysregulation of this gene has been implicated in carcinogenesis. Alternative splicing results in multiple transcript variants.
Molecular Mass	42.15 kDa
AA Sequence	MTTSGALFPSLVPGSRGASNKYLVFRAGKMSLKGTTPDKRKGLVYIQQTDDSLI HFCWKDRTSGNVEDDLIIFPDDCEFKRVPQCPSGRVYVLKFKAGSKRLFFWMQEPK TDQDEEHCRKVNEYLNPPMPGALGASGSSGHELSALGGEGGLQSLLGNMSHSQL MQLIGPAGLGGLGGLGALTGPGLASLLGSSGPPGSSSSSSSSRSQSAAVTPSSTTSS TRATPAPSAPAAASATSPSPAPSSGNGASTAASPTQPIQLSDLQSILATMNV PAGPA GGQQVDLASVLTPEIMAPILANADVQERLLPYLPSGESLPQTAD EIQNTLTSPQFQQ

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ALGMFSAALASGQLGPLMCQFGLPAEAVEAANKGDVEAFAMQNNAKPEQKEGD
TKDKKDEEEDMSLDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ADRM1 adhesion regulating molecule 1 [Homo sapiens (human)]
Official Symbol	ADRM1
Synonyms	ADRM1; adhesion regulating molecule 1; proteasomal ubiquitin receptor ADRM1; ARM1; GP110; Rpn13; ARM-1; hRpn13; rpn13 homolog; M(r) 110,000 surface antigen; adhesion-regulating molecule 1; regulatory particle non-ATPase 13; 110 kDa cell membrane glycoprotein; proteasome regulatory particle non-ATPase 13; MGC29536;
Gene ID	11047
mRNA Refseq	NM_007002
Protein Refseq	NP_008933

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MIM 610650

UniProt ID Q16186

SDS-PAGE



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