

Product datasheet for PH315635

ADRM1 (NM_007002) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADRM1 MS Standard C13 and N15-labeled recombinant protein (NP_008933)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215635
Predicted MW:	42.15 kDa
Protein Sequence:	>RC215635 representing NM_007002 Red=Cloning site Green=Tags(s)

MTTSGALFPSLVPGSRGASNKYLVEFRAGKMSLKGTTPDKRKLVIYIQQTDDSLIHFCWKDRTSGNVE
DDLIIIFPDDCEFKRVPQCPSGRVYVLFKFKAGSKRLFFWMQEPKTDQDEEHCRKVNEYLNPPMPGALGAS
GSSGHELSALGGEGGLQSLGNMHSQMLQIGPAGLGGGLGALTGPGLASLLGSSGPPGSSSSSSSR
SQSAAVTPSSTTSSTRATPAPSAPAAASATSPSPAPSSGNGASTAASPTQPIQLSDLQSILATMNVAPG
AGGQQVDLASVL TPEIMAPILANADVQERLLPYLPSGESLPQTADAIQNTLTSPQFQQALGMFSAALASG
QLGPLMCQFGLPAEAVEAANKGDVEAFKAMQNNAKPEQKEGDTKDKKDEEEDMSLD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_008933</u>
RefSeq Size:	1410
RefSeq ORF:	1221
Synonyms:	ARM-1; ARM1; GP110; PSMD16
Locus ID:	11047



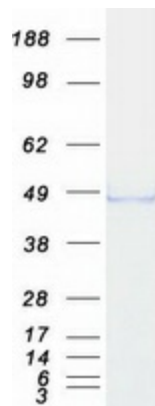
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UniProt ID: [Q16186](#)

Cytogenetics: 20q13.33

Summary: 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. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified ADRM1 protein (Cat# [TP315635]). The protein was produced from HEK293T cells transfected with ADRM1 cDNA clone (Cat# [RC215635]) using MegaTran 2.0 (Cat# [TT210002]).