

Product datasheet for PH309073

RED1 (ADARB1) (NM_001112) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADARB1 MS Standard C13 and N15-labeled recombinant protein (NP_001103)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209073
Predicted MW:	76.5 kDa
Protein Sequence:	>RC209073 representing NM_001112 Red=Cloning site Green=Tags(s)

MDIEDEENMSSSTDVKENRNLDNVSPKDGSTPGPGEQSLSNGGGGGPGRKRPLEEGSNHSHKYRLKKR
RKTPGPVLPKNALMQLNEIKPGLQYTLSSQTGPVHAPLFVMSVEVNGQVFEGSGPTKKKAKLHAAEKALR
SFVQFPNASEAHLAMGRTL SVNTDFTSDQADFPDITL FNGFETPDKAEPFFYVGSNGDDSFSSGDL SLSA
SPVPASLAQPPLPALPPFPSPGKNPVMILNELRPGLKYDFLSESGESHAKSFVMSVVVDGQFFEGSGRN
KKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHLPQVLADAVSRLVLGKFGDLTDFSSPHARRK
VLAVVMTTGTDVDAKVISVSTGKTCINGEYMSDRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDD
QKRSIFQKSERGGFRLKENVQFHLYISTSPCGDARIFSPHEPILEPADRHPNPKARGQLRTKIESGEGT
IPVRSNASIQTDGVLQGERLLTMSKSDKIARWNVVGIQGSLLSIFVEPIYFSSIIILGSLYHGDHLSRAM
YQRISNIEDLPPLYTLNKPLLSGISNAEARQPGKAPNFSVNWTVGDSAIEVINATTGKDELGRASRLCKH
ALYCRWMRVHGKVPSHLLRSKITKPNVYHESKLAKEYQAARKLFTAFIKAGLGAWVEKPTQDQFSLT
P

SGPTRRRLEQKLI 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_001103</u>



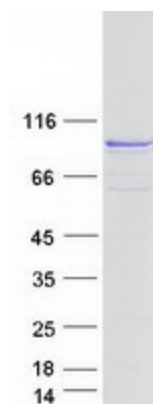
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RefSeq Size:	6881
RefSeq ORF:	2103
Synonyms:	ADAR2; DRABA2; DRADA2; NEDHYMS; RED1
Locus ID:	104
UniProt ID:	P78563
Cytogenetics:	21q22.3

Summary: This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. Alternative splicing of this gene results in several transcript variants, some of which have been characterized by the presence or absence of an ALU cassette insert and a short or long C-terminal region. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ADARB1 protein (Cat# [TP309073]). The protein was produced from HEK293T cells transfected with ADARB1 cDNA clone (Cat# [RC209073]) using MegaTran 2.0 (Cat# [TT210002]).