

Product datasheet for **TP312324M**

RED1 (ADARB1) (NM_015833) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens adenosine deaminase, RNA-specific, B1 (RED1 homolog rat) (ADARB1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212324 representing NM_015833 Red=Cloning site Green=Tags(s)

MDIEDEENMSSSSTDVKENRNLNDNVSPKDGSTPGPGEQSLSNGGGGGPGRKRPLEEGSNGHISKYRLKKR
RKTGPVLPKNAALMQLNEIKPGLQYTLSSQTGPVHAPLFVMSVEVNGQVFEFGSGPTKKKAKLHAAEKALR
SFVQFPNASEAHLAMGRTLSVNTDFTSDQADFPDTLFGFETPDKAEPFFYVGSNGDDSFSSSGDLLSA
SPVPASLAQPPLPVLPPFPSPGKNPVMILNELRPLKYDFLSESGESHAKSFVMSVVDGQFFEGSGRN
KKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHLPQVLADAVSRLVLGKFGDLTDNFSSPHARRK
VLAGVVMTTGTDVKDAKVISVSTGTCKINGEYMSDRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDD
QKRSIFQKSERGGFRLKENVQFHLYISTSPCGDARIFSPHEPILEGSRYSYQAGVQWCNHSGLQPRPGL
LSDPSTSTFQGAGTTEPADRHPNRKARGQLRTKIESGEGTIPVRSNASIQTWGVLQGERLLTMSCSDKI
ARWNVVGIQGSLLSIFVEPIYFSSIIIGSLYHGDHLSRAMYQRISNIEDLPPLYTLNKPLLSGISNAEAR
QPGKAPNFSVNWTVGDSAIEVINATTGKDELGRASRLCKHALYCRWMRVHGKVPSSHLLRSKITKPNVYHE
SKLAAKEYQAAKARLFTAFIKAGLGAWVEKPTQDQFSLTP

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

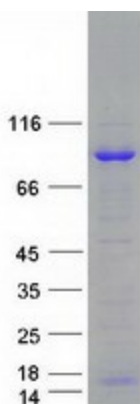
Tag:	C-Myc/DDK
Predicted MW:	80.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056648
Locus ID:	104
UniProt ID:	P78563
RefSeq Size:	5035
Cytogenetics:	21q22.3
RefSeq ORF:	2223
Synonyms:	ADAR2; DRABA2; DRADA2; NEDHYMS; RED1
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# [TP312324]). The protein was produced from HEK293T cells transfected with ADARB1 cDNA clone (Cat# [RC212324]) using MegaTran 2.0 (Cat# [TT210002]).