

Product datasheet for **TP309073M**

RED1 (ADARB1) (NM_001112) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human adenosine deaminase, RNA-specific, B1 (RED1 homolog rat) (ADARB1), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC209073 representing NM_001112
Red=Cloning site **Green**=Tags(s)

MDIEDEENMSSSSTDVKENRNLNDNVSPKDGSTPGPGEQSLSNGGGGGPGRKRPLEEGSNGHISKYRLKRR
RKTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPVHAPLFVMSVEVNGQVFEFGSGPTKKKAKLHAAEKALR
SFVQFPNASEAHLAMGRTLSVNTDFTSDQADFPDTLNGFETPDKAEPFFYVGSNGDDSFSSGDLLSA
SPVPASLAQPPLPALPPPPSGKNPVMILNELRPGLKYDFLSESGESHAKSFVMSVWDGQFFEGSGRN
KKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHLPQVLADAVSRLVLGKFGDLTDNFSSPHARRK
VLAGVVMTTGTDVKDAKVISVSTGTCKINGEYMSDRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDD
QKRSIFQKSERGGFRLKENVQFHLYISTSPCGDARIFSPHEPILEEPADRHPNKRARGQLRTKIESGEGT
IPVRSNASIQTWGVLQGERLLTMSCSDKIARWNVVGIQGSLLSIFVEPIYFSSIILGSLYHGDHLSRAM
YQRISNIEDLPPYTLNKPLLSGISNAEARQPGKAPNFSVNWTVGDSAIEVINATTGKDELGRASRLCKH
ALYCRWMRVHGKVP SHLLRSKITKPNVYHESKLAKEYQAAKARLFTAFIKAGLGAWVEKPTAQDQFSLT
P

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

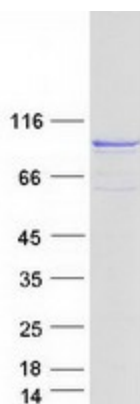
Tag: C-Myc/DDK
Predicted MW: 76.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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_0011103
Locus ID:	104
UniProt ID:	P78563
RefSeq Size:	6881
Cytogenetics:	21q22.3
RefSeq ORF:	2103
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# [TP309073]). The protein was produced from HEK293T cells transfected with ADARB1 cDNA clone (Cat# [RC209073]) using MegaTran 2.0 (Cat# [TT210002]).