

Product datasheet for TP524167

Adarb1 (NM_001024837) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adenosine deaminase, RNA-specific, B1 (Adarb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224167 representing NM_001024837 Red=Cloning site Green=Tags(s)

MDIEEENMSSSSTDIKENRNLDNMPPKDSSTPGPGEGIPLSNGGGGSTRKRPLEEGSNHGSKYRLKKR
RKTPGPVLPKNALMQLNEIKPGLQYMLLSQTGPVHAPLVMSEVNGQVFEGSGPTKKKAKLHAAEKALR
SFVQFPNASEAHLAMGRTLSVNTDFTSDQADFPDRLFNGFETPKSEPPFVYGSNGDDSFSSGDVLSLA
SPVPASLTQPPLPIPPPPPPSGKNPVMILNELRPLGLKYDFLSESGESHAKSFVMSVVVDGQFFEGSGRN
KKLAKARAAQSALATVFNLHLDQTPSRQPVLSEGLQLHLPQVLADAVSRLVLGKFSDLTDNFSSPHARRK
VLSGVVMTTGTVDKDAKVISVSTGKTCINGEYMSDRGLALNDCHAEIISRRSLLRFLYAQLELYLNKED
QKKSIFQKSERGGFRLKDTVQFHLYISTSPCGDARIFSPHEPVLEGMTPDSHQLTEPADRHPNRKARGQL
RTKIESGEGTIPVRSNASIQTWGVLQGERLLTMSCSDKIARWNVVGIQGSLLSIFVEPIYFSSIILGSL
YHGDHLSTRAMYQRISNIEDLPPLYTLNKPLLSGISNAEARQPGKAPNFVSNWTVGDATIEVINATTGKDE
LGRPSRLCKHALYCRWMRVHGKVPPLLRTKITKPTTYHESKLAAREYQAARLFTAFIKAGLGAWVEK
PTEQDQFSFTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	78.5 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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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:	<u>NP_001020008</u>
Locus ID:	110532
UniProt ID:	<u>Q91ZS8</u>
RefSeq Size:	6602
Cytogenetics:	10 39.72 cM
RefSeq ORF:	2133
Synonyms:	1700057H01Rik; AD; Adar2; AW124433; AW558573; BB220382; D10Bwg0447e; RED; Red1
Summary:	This gene encodes a double-stranded-RNA-specific adenosine deaminase that is involved in editing pre-mRNAs by site-specific conversion of adenosine (A) to inosine (I). Substrates for this enzyme include ionotropic glutamate receptors (GluR2-6) and serotonin receptor (5HT2C). Studies in rodents have shown that this protein can modify its own pre-mRNA by A->I editing to create a novel acceptor splice site, alternative splicing to which results in down regulation of its protein expression. Additional splicing events result in transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]