

## Recombinant Human ADARB1 Protein, MYC/DDK-tagged

Cat. No. ADARB1-1147H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ADARB1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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]
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	76.5 kDa
<b>Purity</b>	>50 ug/mL as determined by microplate BCA method
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	ADARB1 adenosine deaminase, RNA-specific, B1 [ Homo sapiens ]
<b>Official Symbol</b>	ADARB1
<b>Synonyms</b>	ADAR2; DRABA2; DRADA2; RED1
<b>Gene ID</b>	104
<b>mRNA Refseq</b>	NM_001112
<b>Protein Refseq</b>	NP_001103
<b>MIM</b>	601218
<b>UniProt ID</b>	P78563

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