

# Recombinant Human ADARB1 protein

Cat. No. ADARB1-5220H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human ADARB1 protein(P78563)(1-741 aa) was expressed in Baculovirus.
<b>Species</b>	Human
<b>Source</b>	Baculovirus
<b>ProteinLength</b>	1-741 aa
<b>Form</b>	Tris/PBS-based buffer, 6% Trehalose.
<b>AASequence</b>	<p>MDIEDEENMS SSSTDVKENR NLDNVSPKDG STPGPGEGSQ LSNGGGGGPG  RKRPLEEGSN GHSKYRLKKR RKTPGPVLPK NALMQLNEIK PGLQYTLLSQ  TGPVHAPLFV MSVEVNGQVF EGS GPTKKKA KLHAAEKALR SFVQFPNASE  AHLAMGRTLS VNTDFTSDQA DFPDTLFNGF ETPDKAEPF YVGSNGDDSF  SSSGDLSLSA SPVPASLAQP PLPVLPPFPP PSGKNPVMIL NELRPGLKYD  FLSEGESHA KSFVMSVVVD GQFFEGSGRN KKLAKARAAQ SALAAIFNLH  LDQTPSRQPI PSEGLQLHLP QVLADAVSRL VLGKFGDLTD NFSSPHARRK  VLGVVMTTG TDVKDAKVIS VSTGKTCING EYMSDRGLAL NDCHAEIISR  RSLLRFLYTQ LELYLNNKDD QKRSIFQKSE RGGFRLKENV QFHLYISTSP  CGDARIFSPH EPILEGSRSY TQAGVQWCNH GSLQPRPPGL LSDPSTSTFQ  GAGTTEPADR HPNRKARGQL RTKIESGEGT IPVRSNASIQ TWDGVLQGER  LLTMSCSDKI ARWNVVGIQG SLLSIFVEPI YFSSIILGSL YHGDHLSTRAM  YQRISNIEDL PPLYTLNKPL LSGISNAEAR QPGKAPNFSV NWTVGDSAIE</p>

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VINATTGKDE LGRASRLCKH ALYCRWMRVH GKVPSHLLRS KITKPNVYHE  
SKLAAKEYQA AKARLFTAFI KAGLGAWVEK PTEQDQFSLT P

**Purity** >85% (SDS-PAGE)

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** [ADARB1 adenosine deaminase, RNA-specific, B1 \[ Homo sapiens \]](#)

**Official Symbol** [ADARB1](#)

**Synonyms**

ADARB1; adenosine deaminase, RNA-specific, B1; adenosine deaminase, RNA specific, B1 (homolog of rat RED1); double-stranded RNA-specific editase 1; ADAR2; ADAR2a; ADAR2a L1; ADAR2a L2; ADAR2a L3; ADAR2b; ADAR2c; ADAR2d; ADAR2g; DRABA2; DRADA2; hRED1; RED1; RED1 homolog (rat); RNA editase; RED1 homolog; RNA-editing enzyme 1; RNA editing deaminase 1; RNA-editing deaminase 1; dsRNA adenosine deaminase; human dsRNA adenosine deaminase DRADA2; adenosine deaminase, RNA-specific, B1 (RED1 homolog rat); adenosine deaminase, RNA-specific, B1 (homolog of rat RED1);

**Gene ID** [104](#)

**mRNA Refseq** [NM\\_001112](#)

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**Protein Refseq** NP\_001103

**MIM** 601218

**UniProt ID** P78563

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