

Recombinant Human ADARB1 protein

Cat. No. ADARB1-5218H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ADARB1 protein(P78563)(1-741 aa) was expressed in E.coli.

Species Human

Source E.coli

ProteinLength 1-741 aa

Form Tris/PBS-based buffer, 6% Trehalose.

AASequence

MDIEDEENMS SSSTDVKENR NLDNVSPKDG STPGPGEGSQ LSNGGGGGPG
 RKRPLEEGSN GHSKYRLKKR RKTPGPVLPK NALMQLNEIK PGLQYTLLSQ
 TGPVHAPLFV MSVEVNGQVF EGSGPTKKKA KLHAAEKALR SFVQFPNASE
 AHLAMGRTL S VNTDFTSDQA DFPDTLFNGF ETPDKAEPF YVGSNGDDSF
 SSSGDL SLSA SPVPASLAQP PLPVLPPFPF PSGKNPVMIL NELRPLKDYD
 FLSEGESHA KSFVMSVVVD GQFFEGSGRN KKLAKARAAQ SALAAIFNLH
 LDQTPSRQPI PSEGLQLHLP QVLADAVSRL VLGKFGDLTD NFSSPHARRK
 VLAGVMTTG TDVKDAKVIS VSTGKTCING EYMSDRGLAL NDCHAEIISR
 RSLRFLYTQ LELYLNKDD QKRSIFQKSE RGGFRLKENV QFHLYISTSP
 CGDARIFSPH EPILEGSRSY TQAGVQWCNH GSLQPRPPGL LSDPSTSTFQ
 GAGTTEPADR HPNRKARGQL RTKIESGEGT IPVRSNASIQ TWDGVLQGER
 LLTMSCSDKI ARWNVVGIQG SLLSIFVEPI YFSSIILGSL YHGDHLSRAM
 YQRISNIEDL PPLYTLNKPL LSGISNAEAR QPGKAPNFSV NWTVGDSAIE
 VINATTGKDE LGRASRLCKH ALYCRWVRVH GKVPSHLLRS KITKPNVYHE

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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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