

Recombinant Human ADARB1 protein, His-tagged

Cat. No. ADARB1-37H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADARB1 protein(NP_001103)(176-392 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	176-392 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	LFNGFETPDKAEPFFYVGSNGDDSFSSSGDLSLSASVPASLAQPPLPALPPFPPPS GKNPVMILNELRPGLKYDFLSESGESHAKSFVMSVVVDGQFFEGSGRNKKLAKARA AQSAALAIIFNLHLDQTPSRQPIPSEGLQLHLPQVLADAVSRLVLGKFGDLTDNFSSPH ARRKVLGVVMTTGTDVKDAKVISVSTGTKCINGEYMSDRGLALND
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as

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protectant before lyophilization.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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](#)

Protein Refseq

[NP_001103](#)

MIM

[601218](#)

UniProt ID

[P78563](#)

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