

Recombinant Human ADARB2 protein, His-tagged

Cat. No. ADARB2-9743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADARB2 protein(222-524 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	222-524 aa
Tag	N-His
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.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

TLFQEFEPAPRPGLAGGRPDAALLSAAYGRRRLLCRALDLVGPTPATPAAPGER
 NPVLLNRLRAGLRYVCLAEPERRARSFVMAVSVDGRTFEGSGRSKKLARGQAA
 QAALQELFDIQMPGHAPGRARRTMPQEFADSISQLVTQKFREVTTDLTPMHARHK
 ALAGIVMTKGLDARQAQVVALSSGTCISGEHLSDQGLVVNDCHAEVVARRAFLHFL
 YTQLELHLSKRREDSERSIFVRLKEGGYRLRENILFHLVSTSPCGDARLHSPYEITT
 DLHSSKHLVRKFRGHLRTKIE

GENE INFORMATION
Gene Name

[ADARB2 adenosine deaminase, RNA-specific, B2 \[Homo sapiens \]](#)

Official Symbol

[ADARB2](#)

Synonyms

ADARB2; adenosine deaminase, RNA-specific, B2; adenosine deaminase, RNA specific, B2 (RED2 homolog rat); double-stranded RNA-specific editase B2; ADAR3; hRED2; RED2; RED2 homolog (rat); RED2 homolog; homolog of rat BLUE; RNA-editing enzyme 2; RNA-editing deaminase 2; dsRNA adenosine deaminase B2; RNA-dependent adenosine deaminase 3; adenosine deaminase, RNA-specific, B2 (RED1 homolog rat); adenosine deaminase, RNA-specific, B2 (RED2 homolog rat); FLJ25034; FLJ36975; FLJ41340;

Gene ID

[105](#)

mRNA Refseq

[NM_018702](#)

Protein Refseq

[NP_061172](#)

MIM

[602065](#)

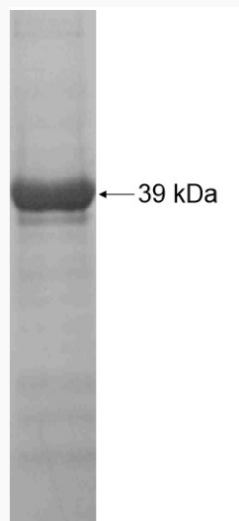
UniProt ID

[Q9NS39](#)

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SDS-PAGE

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