Recombinant Human ADARB2 protein, GST-tagged

Cat. No. ADARB2-301224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADARB2 (333-404 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln333-Ala404
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	QAALQELFDIQMPGHAPGRARRTPMPQEFADSISQLVTQKFREVTTDLTPMHARHK ALAGIVMTKGLDARQA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/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	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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