

Recombinant Human ADRA2A protein, His-tagged

Cat. No. ADRA2A-3554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADRA2A protein(221-377 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	221-377 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. The elution buffer contain 300mM imidazole.
AA Sequence	QIAKRRTRVPPSRRGPDVAAPPGGTERRPNGLGPERSAGPGGAEEPLPTQLNG APGEPAPAGPRDTDALDLEESSSDHAERPPGPRRPERGPRGKGKARASQVKPGD SLPRRGPGATGIGTPAAGPGEERVGAASRWRGRQNREKRFTFVLA
Purity	90%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [ADRA2A adrenoceptor alpha3B\[Homo sapiens \]](#)

Official Symbol [ADRA2A](#)

Synonyms ADA2A_HUMAN; ADRA2; ADRA2A; ADRA2R; ADRAR; Adrenergic alpha 2A receptor; Alpha 2 adrenergic receptor subtype C10; Alpha 2A adrenergic receptor; Alpha 2AAR subtype C10; Alpha-2 adrenergic receptor subtype C10; alpha-2-adrenergic receptor, platelet type; Alpha-2A adrenergic receptor; Alpha-2A adrenoceptor; Alpha-2A adrenoreceptor; Alpha-2AAR; ALPHA2AAR; OTTHUMP00000058849; ZNF32

Gene ID [150](#)

mRNA Refseq [NM_000681.3](#)

Protein Refseq [NP_000672.3](#)

MIM [104210](#)

UniProt ID [P08913](#)

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