

Recombinant Human ADCY3 protein, His-tagged

Cat. No. ADCY3-3532H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADCY3 protein(470-632 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	470-632 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 VEPGDGGSRCDYLEEKGIETYLIASKPEVKKTATQNLNGSALPNGAPASSKSSSP
 ALIETKEPNNGSAHSSGSTSEKPEEQDAQADNPSFPNPRRRLRLQDLADRVVDASED
 EHELNQLLNEALLERESAQVVKKRNTFLLSMRFMDPEMETRYSVEKEKQS

GENE INFORMATION

Gene Name [ADCY3 adenylate cyclase 3 \[Homo sapiens \]](#)

Official Symbol [ADCY3](#)

Synonyms ADCY3; adenylate cyclase 3; adenylate cyclase type 3; AC3; AC-III; adenylyl cyclase 3; ATP pyrophosphate-lyase 3; adenylate cyclase type III; adenylyl cyclase, type III; adenylate cyclase, olfactive type; KIAA0511;

Gene ID [109](#)

mRNA Refseq [NM_004036](#)

Protein Refseq [NP_004027](#)

MIM [600291](#)

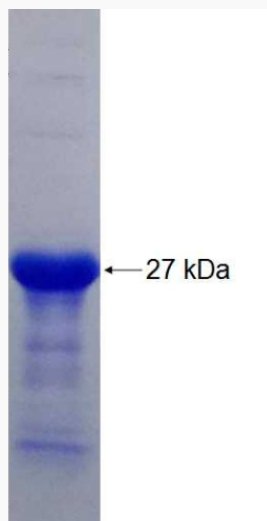
UniProt ID [O60266](#)

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SDS-PAGE



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