

Recombinant Human ADCY1 protein, GST-tagged

Cat. No. ADCY1-18434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADCY1 protein(1050-1119 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1050-1119 aa
Tag	N-GST
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	80%, 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	LTYFLEGRTDGNGSQIRSLGLDRKMCPFGRAGLQGRRPPVCPMPGVSVRAGLPPH SPGQYLPSAAAGKEA
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GENE INFORMATION

Gene Name	ADCY1 adenylate cyclase 1 (brain) [Homo sapiens]
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Official Symbol	ADCY1
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Synonyms	ADCY1; adenylate cyclase 1 (brain); adenylate cyclase type 1; AC1; adenyl cyclase; adenyl cyclase 1; adenylate cyclase type I; ATP pyrophosphate-lyase 1; 3,5-cyclic AMP synthetase; Ca(2+)/calmodulin-activated adenyl cyclase;
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Gene ID	107
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mRNA Refseq	NM_021116
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Protein Refseq	NP_066939
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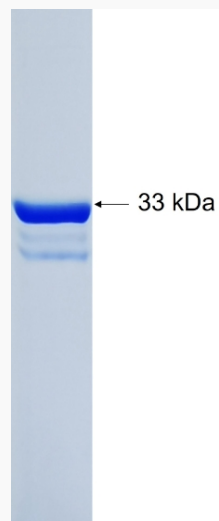
MIM	103072
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UniProt ID	Q08828
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SDS-PAGE

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