

Recombinant Human ADCY7, His-tagged

Cat. No. ADCY7-3180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adenylate cyclase type 7 (ADCY7), partial
Species	Human
Source	E.Coli/Yeast
ProteinLength	1080
Description	This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ADCY7 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
GENE INFORMATION	
Gene Name	ADCY7 adenylate cyclase 7 [Homo sapiens]
Official Symbol	ADCY7
Synonyms	ADCY7; adenylate cyclase 7; adenylate cyclase type 7; AC7; KIAA0037; adenylyl cyclase 7; ATP pyrophosphate-lyase 7; adenylate cyclase type VII; FLJ36387;
Gene ID	113
mRNA Refseq	NM_001114
Protein Refseq	NP_001105
MIM	600385
UniProt ID	P51828
Chromosome Location	16q12.1
Pathway	Activation of GABAB receptors, organism-specific biosystem; Adenylate cyclase activating pathway, organism-specific biosystem; Adenylate cyclase inhibitory pathway, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; Bi

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Function

ATP binding; GTPase activity; adenylate cyclase activity; adenylate cyclase activity;
metal ion binding; nucleotide binding;

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