

Recombinant Human ADCY6, GST-tagged

Cat. No. ADCY6-3178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adenylate cyclase type 6 (ADCY6)
Species	Human
Source	E.Coli/Yeast
ProteinLength	1168
Description	This gene encodes adenylate cyclase 6, which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). The expression of this gene is found in normal thyroid and brain tissues, as well as some tumors; and its expression is significantly higher in one hyperfunctioning thyroid tumor than in normal thyroid tissue. Alternative splicing generates 2 transcript variants.
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 ADCY6 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
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	ADCY6 adenylate cyclase 6 [Homo sapiens]
Official Symbol	ADCY6
Synonyms	ADCY6; adenylate cyclase 6; adenylate cyclase type 6; AC6; adenylyl cyclase 6; ATP pyrophosphate-lyase 6; adenylate cyclase type VI; ca(2+)-inhibitable adenylyl cyclase; KIAA0422; DKFZp779F075;
Gene ID	112
mRNA Refseq	NM_015270
Protein Refseq	NP_056085
MIM	600294
UniProt ID	O43306
Chromosome Location	12q12-q13
Pathway	Activation of GABAB receptors, organism-specific biosystem; Adenylate cyclase activating pathway, organism-specific biosystem; Adenylate cyclase inhibitory

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pathway, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; Bi

Function

ATP binding; GTPase activity; adenylate cyclase activity; calcium- and calmodulin-responsive adenylate cyclase activity; metal ion binding; nucleotide binding; protein binding; receptor binding;

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