Recombinant Human ADCY3 Protein, GST-tagged

Cat. No. ADCY3-328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADCY3 partial ORF (NP_004027, 1035 a.a. - 1144 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes adenylyl cyclase 3 which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This protein appears to be widely expressed in various human tissues and may be involved in a number of physiological and pathophysiological metabolic processes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]
Molecular Mass	37.84 kDa
AA Sequence	FNNFMLRIGMNKGGVLAGVIGARKPHYDIWGNTVNVASRMESTGVMGNIQVVEETQ VILREYGFRFVRRGPIFVKGKGELLTFFLKGRDKLATFPNGPSVTLPHQVVDNS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

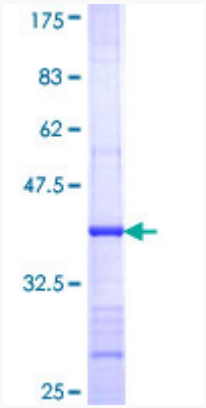
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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12.5% SDS-PAGE Stained with Coomassie Blue.

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