

Recombinant Human ADCY2 Protein, GST-tagged

Cat. No. ADCY2-327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADCY2 partial ORF (NP_065433, 977 a.a. - 1086 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This enzyme is insensitive to Ca(2+)/calmodulin, and is stimulated by the G protein beta and gamma subunit complex. [provided by RefSeq, Jul 2008]
Molecular Mass	37.84 kDa
AA Sequence	GKLDAINKHSFNDFKLRVGINHGPVIAGVIGAQKPQYDIWGNTVNVASRMDSTGVLD KIQVTEETSLVLQTLGYTCTCRGIINVKGKGLKTYFVNTEMSRSLSQSNVAS
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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [ADCY2 adenylate cyclase 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [ADCY2](#)

Synonyms ADCY2; adenylate cyclase 2; AC2; HBAC2; adenylate cyclase type 2; 3',5'-cyclic AMP synthetase; ATP pyrophosphate-lyase 2; adenylate cyclase 2 (brain); adenylate cyclase II; adenylate cyclase type II; adenylyl cyclase 2; type II adenylate cyclase; EC 4.6.1.1

Gene ID [108](#)

mRNA Refseq [NM_020546](#)

Protein Refseq [NP_065433](#)

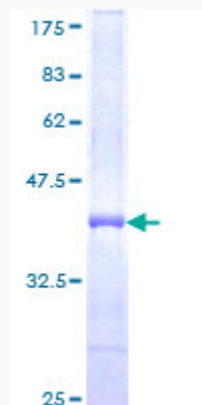
MIM [103071](#)

UniProt ID [Q08462](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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