

Recombinant Rat Adcy2, His-tagged

Cat. No. Adcy2-3172R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adenylate cyclase type 2 (Adcy2), partial
Species	Rat
Source	E.Coli/Yeast
ProteinLength	1090
Description	enzyme that catalyzes the formation of the secondary messenger cyclic adenosine monophosphate .
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 Adcy2 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.
Storage Buffer	PBS pH 7.4, 50% glycerol

 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

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Adcy2 adenylate cyclase 2 \(brain\) \[Rattus norvegicus \]](#)

Official Symbol Adcy2

Synonyms ADCY2; adenylate cyclase 2 (brain); adenylate cyclase type 2; adenylyl cyclase 2; ATP pyrophosphate-lyase 2; adenylate cyclase type II;

Gene ID [81636](#)

mRNA Refseq [NM_031007](#)

Protein Refseq [NP_112269](#)

Pathway

Activation of GABAB receptors, organism-specific biosystem; Adenylate cyclase activating pathway, organism-specific biosystem; Adenylate cyclase inhibitory pathway, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion,

Function

ATP binding; G-protein beta/gamma-subunit complex binding; adenylate cyclase activity; adenylate cyclase activity; calcium- and calmodulin-responsive adenylate cyclase activity; metal ion binding; nucleotide binding;

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