Recombinant Rat Adcy3, His-tagged

Cat. No. Adcy3-3174R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adenylate cyclase type 3 (Adcy3), partial
Species	Rat
Source	E.Coli/Yeast
ProteinLength	1144
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 Adcy3 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

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

GENE INFORMATION

Gene Name	Adcy3 adenylate cyclase 3 [Rattus norvegicus]
Official Symbol	Adcy3
Synonyms	ADCY3; adenylate cyclase 3; adenylate cyclase type 3; AC3; AC-III; adenylyl cyclase 3; ATP pyrophosphate-lyase 3; type III adenylyl cyclase; adenylate cyclase type III; adenylate cyclase, olfactive type;
Gene ID	64508
mRNA Refseq	NM_130779
Protein Refseq	NP_570135
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; adenylate cyclase activity; calcium- and calmodulin-responsive adenylate cyclase activity; calcium- and calmodulin-responsive adenylate cyclase activity; calmodulin binding; metal ion binding; nucleotide binding;

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