

Adenylate cyclase type 10 (Adcy10) Recombinant Protein | Adcy10 recombinant protein

Recombinant Mouse Adenylate cyclase type 10 (Adcy10) , partial

CATALOG #
AAA116672

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Adenylate cyclase type 10 (Adcy10); Recombinant Mouse Adenylate cyclase type 10 (Adcy10); partial; Adcy10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-470aa; partial
Sequence	MSARRQELQD RAIVKIAAHL PDLIVYGDFS PERPSVKCFD GVLMFVDISG FTAMTEKFST AMYMDRGAEQ LVEILNYYIS AIVEKVLIFG GDILKFAGDA LLALWKVERK QLKNIITVVI KCSLEIHGLF EAKEAEEGLD IRVKIGLAAG HITMLVFGDE TRNYFLVIGQ AVDDVRLAQN MAQMNDVILS PNCWQLCDRS MIEIERIPDQ RAVKVSFLKP PPTFNFDEFF TKCMGFMDYY PSGDHKNFLR LACMLES DPE LELSLQKYVM EIILKQIDDK QLRGYLSELR PVTIVFVNLM FKEQDKVEVI GSAIQAACVH ITSVLKVFRG QINKVFMFDK GCSFLCVFGF PGEKAPDEIT HALESAVDIF DFCSQVHKIR TVSIGVASGI VFCGIVGHTV RHEYTVIGQK VNIAARMMMY YPGIVSCDSV TYDGSNLPAY FFKELPKKVM KGVADPGPVY QCLGLNEKVM
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Adcy10 recombinant protein

This protein belongs to a distinct class of mammalian adenylyl cyclase that is soluble and insensitive to G protein or forskolin regulation. It is thought to function as a general bicarbonate sensor throughout the body. It may also play an important role in the generation of cAMP in spermatozoa, implying possible roles in sperm maturation through the epididymis, capacitation, hypermotility, and or the acrosome reaction. Genetic variations in this gene are associated with absorptive hypercalciuria type 2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227497595
NCBI GeneID	271639
NCBI Accession #	NP_766617.2
NCBI GenBank Nucleotide #	NM_173029.3
UniProt Accession #	Q8C0T9 ; Q3V0F8 ; B2RRJ9
Molecular Weight	52,952 Da
NCBI Official Full Name	adenylate cyclase type 10 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 10

NCBI Official Symbol	Adcy10
NCBI Official Synonym Symbols	sAC; Sacy; 4931412F17; 4930431D04Rik
NCBI Protein Information	adenylate cyclase type 10
UniProt Protein Name	Adenylate cyclase type 10
UniProt Gene Name	Adcy10
UniProt Synonym Gene Names	Sac; Sacy; sAC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/adcy10-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116672>