

Acetylcholine receptor subunit alpha (CHRNA1) Recombinant Protein | CHRNA1 recombinant protein

Recombinant Tetronarce californica Acetylcholine receptor subunit alpha (CHRNA1), partial

CATALOG #
AAA233498

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Acetylcholine receptor subunit alpha (CHRNA1); Recombinant Tetronarce californica Acetylcholine receptor subunit alpha (CHRNA1); partial; CHRNA1 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	25-234aa; partial
Sequence	SEHETRLVAN LLENYNKVIR PVEHHTHFVD ITVGLQLIQL ISVDEVNQIV ETNVRLRQQW IDVRLRWNPADYGGIKKIRL PSDDVWLPDL VLYNNADGDF AIVHMTKLLL DYTGKIMWTP PAIFKSYCEI IVTHFPFDQQNCTMKLGIWT YDGTKVSISP ESDRPDLSTF MESGEWVMKD YRGWKHWVYY TCCPDTPYLD ITYHFIMQRI
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 CHRNA1 recombinant protein	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.
References	"Identifying the lipid-protein interface of the Torpedo nicotinic acetylcholine receptor: secondary structure implications." Blanton M.P., Cohen J.B. Biochemistry 33:2859-2872(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	113076
UniProt Accession #	P02710
Molecular Weight	40.8 kDa
NCBI Official Full Name	Acetylcholine receptor subunit alpha
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	CHRNA1

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/chrna1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/233498>