

Acetylcholine receptor subunit alpha (Chrna1) Recombinant Protein | Chrna1 recombinant protein

Recombinant Mouse Acetylcholine receptor subunit alpha (Chrna1), partial

CATALOG # AAA18513	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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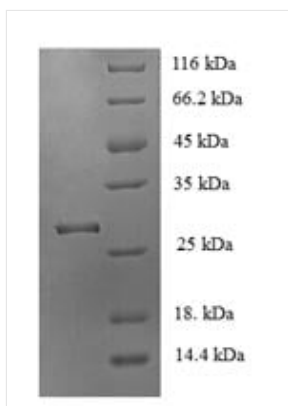
PRODUCT SYNONYMS

Acetylcholine receptor subunit alpha (Chrna1); Recombinant Mouse 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	21-230aa?Partial
Sequence	SEHETRLVAK LFEDYSSVVR PVEDHREIVQ VTVGLQLIQL INVDEVNQIV TTNVRLKQQW VDYNLKWNP DYGGVKKIHI PSEKIWRPDV VLYNNADGDF AIVKFTKVLL DYTGHITWTP PAIFKSYCEI IVTHFPFDEQ NCSMKLGTTW YDGSVVAINP ESDQPDLSNF MESGEWVIKE ARGWKHWVFY SCCPTTPYLD ITYHFVQMRL
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

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	Nucleotide sequence of the mouse muscle nicotinic acetylcholine receptor alpha subunit. Isenberg K.E., Mudd J., Shah V., Merlie J.P. Nucleic Acids Res. 14:5111-5111(1986) Boulter J. Isolation of a clone coding for the alpha-subunit of a mouse acetylcholine receptor. Boulter J., Luyten W., Evans K., Mason P., Ballivet M., Goldman D.J., Stengelin S.F., Martin G., Heinemann S.F., Patrick J.J. Neurosci. 5:2545-2552(1985) Crystal structure of the extracellular domain of nAChR alpha1 bound to alpha-bungarotoxin at 1.94 A resolution. Dellisanti C.D., Yao Y., Stroud J.C., Wang Z.Z., Chen L. Nat. Neurosci. 10:953-962(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542391
NCBI GeneID	11435
NCBI Accession #	NP_031415.2
NCBI GenBank Nucleotide #	NM_007389.5
UniProt Accession #	P04756
Molecular Weight	26.5 kDa
NCBI Official Full Name	acetylcholine receptor subunit alpha
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle)
NCBI Official Symbol	Chrna1
NCBI Official Synonym Symbols	Acra; Achr-1; AI385656; AI608266
NCBI Protein Information	acetylcholine receptor subunit alpha
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	Chrna1
UniProt Synonym Gene Names	Acra
UniProt Entry Name	ACHA_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/chrna1-recombinant-protein-e-coli/18513>