

Recombinant Mouse Chrna4 Protein, MYC/DDK-tagged

Cat. No. Chrna4-517M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cholinergic receptor, nicotinic, alpha polypeptide 4 (Chrna4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 permeable to sodium ions.
Molecular Mass	70.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Chrna4 cholinergic receptor, nicotinic, alpha polypeptide 4 [Mus musculus (house mouse)]
Official Symbol	Chrna4
Synonyms	Chrna4; cholinergic receptor, nicotinic, alpha polypeptide 4; EBN1; Acra4; ENFL1; Acra-4; neuronal acetylcholine receptor subunit alpha-4; a4 nicotinic receptor; acetylcholine receptor alpha 4 neural; acetylcholine receptor, neuronal, nicotinic, alpha-4 subunit; alpha4 nAChR
Gene ID	11438
mRNA Refseq	NM_015730
Protein Refseq	NP_056545
UniProt ID	O70174

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