

Recombinant Human CHRNA4 Protein (Asn49-Leu242), His tagged

Cat. No. CHRNA4-1724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CHRNA4 (Asn49-Leu242) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn49-Leu242
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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	23.25 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	CHRNA4 cholinergic receptor, nicotinic, alpha 4 (neuronal) [Homo sapiens (human)]
Official Symbol	CHRNA4
Synonyms	CHRNA4; cholinergic receptor, nicotinic, alpha 4 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 4, EBN, EBN1; neuronal acetylcholine receptor subunit alpha-4; acetylcholine receptor; nicotinic; alpha 4 (neuronal); BFNC; cholinergic receptor, nicotinic, alpha polypeptide 4; neuronal nicotinic acetylcholine receptor alpha-4 subunit; EBN; EBN1; NACHR; NACRA4; NACHRA4; FLJ95812;
Gene ID	1137
mRNA Refseq	NM_000744
Protein Refseq	NP_000735
MIM	118504
UniProt ID	P43681