

Recombinant Rat Chrn1, His-tagged

Cat. No. Chrn1-3054R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Acetylcholine receptor subunit beta (Chrn1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	501
Description	beta subunit of the nicotinic acetylcholine receptor; can assemble into functionally different acetylcholine receptor channel subtypes .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Chrn1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Chrnb1 cholinergic receptor, nicotinic, beta 1 \(muscle\) \[Rattus norvegicus \]](#)

Official Symbol Chrnb1

Synonyms

CHRNA1; cholinergic receptor, nicotinic, beta 1 (muscle); acetylcholine receptor subunit beta; Acetylcholine receptor beta; cholinergic receptor nicotinic beta polypeptide 1; cholinergic receptor, nicotinic, beta polypeptide 1 (muscle); Achr; RNACRB1;

Gene ID [24261](#)

mRNA Refseq [NM_012528](#)

Protein Refseq [NP_036660](#)

Pathway

Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;

Function

acetylcholine binding; acetylcholine binding; contributes_to acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; acetylcholine-activated cation-selective channel activity; contributes_to acetylcholine-activated cation-selective channel activity; channel activity; channel activity; extracellular ligand-gated ion channel activity; ligand-gated ion channel activity; receptor activity;

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