Recombinant Human CHRNB3 Protein, His-tagged

Cat. No. CHRNB3-673H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CHRNB3 (NP_000740.1) (Met1-Leu232) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-232 a.a.
Predicted N Terminal	Ile 25
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human CHRNB3 consists 219 amino acids and predicts a molecular mass of 25.7 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CHRNB3 cholinergic receptor, nicotinic, beta 3 (neuronal) [Homo sapiens]
Official Symbol	CHRNB3
Synonyms	CHRNB3; cholinergic receptor, nicotinic, beta 3 (neuronal); cholinergic receptor, nicotinic, beta polypeptide 3; neuronal acetylcholine receptor subunit beta-3; acetylcholine receptor; nicotinic; beta 3 (neuronal); acetylcholine receptor, nicotinic, beta 3 (neuronal); acetylcholine receptor, neuronal nicotinic, beta-3 subunit;
Gene ID	1142
mRNA Refseq	NM_000749
Protein Refseq	NP_000740
MIM	118508
UniProt ID	Q05901
Chromosome Location	8p11.21
Pathway	Acetylcholine Binding And Downstream Events, organism-specific biosystem; Activation of Nicotinic Acetylcholine Receptors, organism-specific biosystem; Highly calcium permeable nicotinic acetylcholine receptors, organism-specific biosystem; Highly calcium permeable postsynaptic nicotinic acetylcholine receptors, organism-

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

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