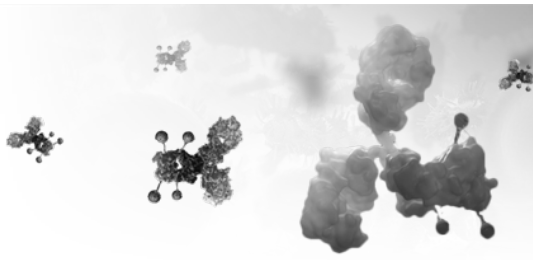

# Human CHRNB4 blocking peptide (CDBP0798)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-CHRNB4 antibody |
| **Antigen Description** | CHRNB4 (cholinergic receptor, nicotinic, beta 4 (neuronal)) is a protein-coding gene. Diseases associated with CHRNB4 include nicotine dependence, and nicotine addiction, and among its related super-pathways are Nicotine Pathway (Chromaffin Cell), Pharmacodynamics and Presynaptic nicotinic acetylcholine receptors. GO annotations related to this gene include acetylcholine-activated cation-selective channel activity and ligand-gated ion channel activity. An important paralog of this gene is CHRNA5. |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | Apuri, BL, ELISA |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | CHRNB4 cholinergic receptor, nicotinic, beta 4 (neuronal) [ Homo sapiens ] |
| **Official Symbol** | CHRNB4 |
| **Synonyms** | CHRNB4; cholinergic receptor, nicotinic, beta 4 (neuronal); cholinergic receptor, nicotinic, beta polypeptide 4; neuronal acetylcholine receptor subunit beta-4; acetylcholine receptor; nicotinic; |

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| | |
|---|---|
| | beta 4 (neuronal); neuronal nicotinic receptor beta 4 subunit; acetylcholine receptor, nicotinic, beta 4 (neuronal); |
| **Entrez Gene ID** | 1143 |
| **mRNA Refseq** | NM_000750 |
| **Protein Refseq** | NP_000741 |
| **UniProt ID** | P30926 |
| **Chromosome Location** | 15q24 |
| **Pathway** | Acetylcholine Binding And Downstream Events, organism-specific biosystem; Activation of Nicotinic Acetylcholine Receptors, organism-specific biosystem; Cholinergic synapse, organism-specific biosystem; Highly calcium permeable nicotinic acetylcholine receptors, organism-specific biosystem; Highly calcium permeable postsynaptic nicotinic acetylcholine receptors, organism-specific biosystem; Highly sodium permeable acetylcholine nicotinic receptors, organism-specific biosystem; Neuroactive ligand- |
| **Function** | acetylcholine binding; acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; extracellular ligand-gated ion channel activity; ligand-gated ion channel activity; receptor activity; |

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