

## Recombinant Human CHRN4 Protein, GST-Tagged

**Cat. No.** CHRN4-1290H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CHRN4 partial ORF (NP_000741, 68 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	CHRN4 (Cholinergic Receptor Nicotinic Beta 4 Subunit) is a Protein Coding gene. Diseases associated with CHRN4 include Substance Dependence and Nicotine Dependence, Protection Against. Among its related pathways are Innate Immune System and Sudden Infant Death Syndrome (SIDS) Susceptibility Pathways. GO annotations related to this gene include extracellular ligand-gated ion channel activity and ligand-gated ion channel activity. An important paralog of this gene is CHRN2.
<b>Molecular Mass</b>	37.84 kDa
<b>AA Sequence</b>	VNEREQIMTTNVWLKQEWTDYRLTWNSSRYEGVNILRIPAKRIWLPDIVLYNNADGT YEVSVYTNLIVRSNGSVLWLPPAIYKSACKIEVKYFPFDQQNCTLKFRSWTYD
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [CHRNA4 cholinergic receptor, nicotinic, beta 4 \(neuronal\) \[ Homo sapiens \]](#)

**Official Symbol** [CHRNA4](#)

**Synonyms** CHRNA4; cholinergic receptor, nicotinic, beta 4 (neuronal); cholinergic receptor, nicotinic, beta polypeptide 4; neuronal acetylcholine receptor subunit beta-4; acetylcholine receptor; nicotinic; beta 4 (neuronal); neuronal nicotinic receptor beta 4 subunit; acetylcholine receptor, nicotinic, beta 4 (neuronal);

**Gene ID** [1143](#)

**mRNA Refseq** [NM\\_000750](#)

**Protein Refseq** [NP\\_000741](#)

**MIM** [118509](#)

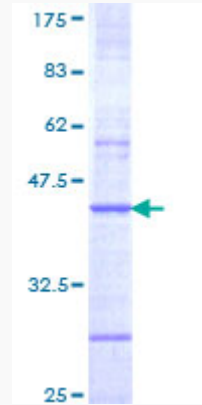
**UniProt ID** [P30926](#)

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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