

Recombinant Human CHRNA4 Protein, GST-Tagged

Cat. No. CHRNA4-1290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRNA4 partial ORF (NP_000741, 68 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CHRNA4 (Cholinergic Receptor Nicotinic Beta 4 Subunit) is a Protein Coding gene. Diseases associated with CHRNA4 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 CHRNA2.
Molecular Mass	37.84 kDa
AA Sequence	VNEREQIMTTNVWLKQEWTDYRLTWNSSRYEGVNILRIPAKRIWLPDIVLYNNADGT YEVSVYTNLIVRSNGSVLWLPPAIYKSACKIEVKYFPFDQQNCTLKFRSWTYD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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](#)

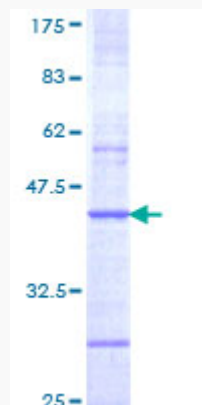
UniProt ID [P30926](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

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