# Recombinant Human CHRNA10 Protein, His-tagged

**Cat. No.** CHRNA10-779H **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Human CHRNA10 Protein (Ala25-Ala237) with His tag was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Ala25-Ala237 |
| **Description** | Predicted to enable acetylcholine-gated cation-selective channel activity. Acts upstream of or within positive regulation of cytosolic calcium ion concentration. Predicted to be located in membrane. Predicted to be active in cholinergic synapse and neuron projection. Predicted to be integral component of postsynaptic specialization membrane. |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 27.6 kDa; Accurate Molecular Mass: 27 kDa |
| **Purity** | > 95% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for |

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

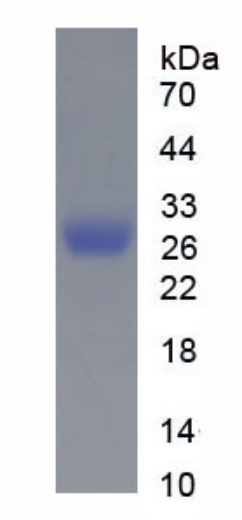
| | |
|---|---|
| | 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Storage Buffer** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Reconstitution** | Reconstitute in ddH2O to a concentration of 0.1-0.3 mg/mL. Do not vortex. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | CHRNA10 cholinergic receptor, nicotinic, alpha 10 (neuronal) [ Homo sapiens (human) ] |
| **Official Symbol** | CHRNA10 |
| **Synonyms** | CHRNA10; cholinergic receptor, nicotinic, alpha 10 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 10; neuronal acetylcholine receptor subunit alpha-10; acetylcholine receptor; nicotinic; alpha 10 (neuronal); NACHR alpha-10; nicotinic acetylcholine receptor subunit alpha-10; acetylcholine receptor, nicotinic, alpha 10 (neuronal); |
| **Gene ID** | 57053 |
| **mRNA Refseq** | NM_020402 |
| **Protein Refseq** | NP_065135 |
| **MIM** | 606372 |

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

| | |
|---|---|
| **UniProt ID** | Q9GZZ6 |




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