

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

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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

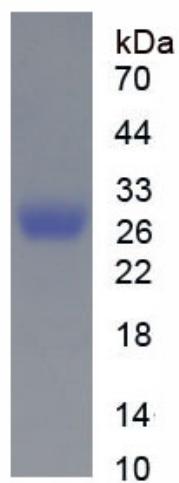
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UniProt ID

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