

Recombinant Human CHRNA7 Protein, His-tagged

Cat. No. CHRNA7-527H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRNA7 Protein(P36544)(23-230 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	23-230 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	30.4 kDa
AASequence	GEFQRKLYKELVKNYNPLERPVAN DSQPLTVYFSL SLLQIMDVDEKNQVLTTNIWLQ MSWTDHYLQWNVSEYPGVKT VRFDPDGQIWKPDILLYNSADERFDATFHTNVLVNSS GHCQYLPPGIFKSSCYIDVRWFPFDVQHCKLKFGSWSYGGWSLDLQMQEADISGYI PNGEWDLVGIPGKR SERFYECCKEYPDVTFTVTMRRRT
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [CHRNA7 cholinergic receptor, nicotinic, alpha 7 \(neuronal\) \[Homo sapiens \]](#)

Official Symbol [CHRNA7](#)

Synonyms

CHRNA7; cholinergic receptor, nicotinic, alpha 7 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 7; neuronal acetylcholine receptor subunit alpha-7; acetylcholine receptor; nicotinic; alpha 7 (neuronal); a7 nicotinic acetylcholine receptor; alpha-7 nicotinic cholinergic receptor subunit; alpha 7 neuronal nicotinic acetylcholine receptor; acetylcholine receptor, nicotinic, alpha 7 (neuronal); neuronal acetylcholine receptor protein, alpha-7 chain; NACHRA7; CHRNA7-2;

Gene ID [1139](#)

mRNA Refseq [NM_000746](#)

Protein Refseq [NP_000737](#)

MIM [118511](#)

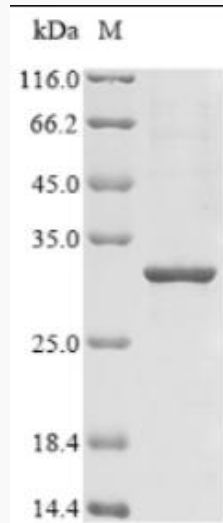
UniProt ID [P36544](#)

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SDS-PAGE



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