

Recombinant Human CHRNA1 protein, His-Trx-tagged

Cat. No. CHRNA1-2695H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRNA1 protein(P02708)(21-255aa), fused to N-terminal His tag and Trx tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-255aa
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, pH 8.0.
Molecular Mass	44.1 kDa
AA Sequence	SEHETRLVAKLFKDYSSVVRPVEDHRQVVEVTVGLQLIQLINVDEVNQIVTTNVRLKQ GDMVDLPRPSCVTLGVPFLSHLQNEQWVDYNLKWNPDDYGGVKKIHIPSEKIWRPD LVLYNNADGDFAIKFKTKVLLQYTGHITWTPPAIFKSYCEIIVTHFPFDEQNCSEKMLGT WTYDGSVVAINPESDQPDLSNFMESGEWVIKESRGWKHSVTYSCCPDTPYLDITYH FVMQRL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

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 [CHRNA1 cholinergic receptor, nicotinic, alpha 1 \(muscle\) \[Homo sapiens \]](#)

Official Symbol [CHRNA1](#)

Synonyms

CHRNA1; cholinergic receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle) , CHRNA; acetylcholine receptor subunit alpha; acetylcholine receptor; nicotinic; alpha 1 (muscle); nicotinic cholinergic receptor alpha 1; muscle nicotinic acetylcholine receptor; nicotinic acetylcholine receptor alpha subunit; acetylcholine receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle); ACHRA; ACHRD; CHRNA; CMS2A; FCCMS; SCCMS;

Gene ID [1134](#)

mRNA Refseq [NM_000079](#)

Protein Refseq [NP_000070](#)

MIM [100690](#)

UniProt ID [P02708](#)

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