

# Recombinant Human CHRNA1 protein, His-Trx-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CHRNA1 protein(P02708)(21-255aa), fused to N-terminal His tag and Trx tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-255aa
<b>Form</b>	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.
<b>Molecular Mass</b>	44.1 kDa
<b>AA Sequence</b>	SEHETRLVAKLFKDYSSVVRPVEDHRQVVEVTVGLQLIQLINDEVNQIVTTNVRLKQ GDMVDLPRPSCVTLGVPLFSLQNEQWVDYNLKWNPPDDYGGVKKIHIPSEKIWRPD LVLYNNADGDFAIVKFTKVLQYTGHITWTPPAIFKSYCEIIVTHFPFDEQNCSMKLGT WTYDGSVVAINPESDQPDLNFMESGEWVIKESRGWKHSVTYSCCPDTPYLDITYH FVMQRL
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	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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