

Recombinant Human CHRNG protein, His-tagged

Cat. No. CHRNG-7855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRNG protein(279-422 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	279-422 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	LRSPHTHSMARGVRKVFLRLLPQLLRMHVRPLAPAAVQDTQSRLQNGSSGWSITTG EEVALCLPRSELLFQQWQRQGLVAAALEKLEKGPELGLSQFCGSLKQAAPAIQACV EACNLIACARHQQSHFDNGNEEWFLVGRVLDR
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

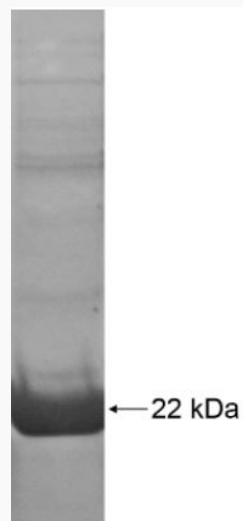
GENE INFORMATION

Gene Name	CHRNA3 cholinergic receptor, nicotinic, gamma (muscle) [Homo sapiens]
Official Symbol	CHRNA3
Synonyms	CHRNA3; cholinergic receptor, nicotinic, gamma (muscle); ACHNA3, cholinergic receptor, nicotinic, gamma; acetylcholine receptor subunit gamma; acetylcholine receptor; nicotinic; gamma (muscle); acetylcholine receptor, muscle, gamma subunit; acetylcholine receptor, nicotinic, gamma (muscle); cholinergic receptor, nicotinic, gamma polypeptide; ACHNA3; MGC133376;
Gene ID	1146
mRNA Refseq	NM_005199
Protein Refseq	NP_005190
MIM	100730
UniProt ID	P07510

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SDS-PAGE

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