

Recombinant Human CHRNA3 protein, His-SUMO & Myc-tagged

Cat. No. CHRNA3-2697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRNA3 protein(P32297)(32-240aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-240aa
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	44.6 kDa
AA Sequence	SEAEHRLFERLFEDYNEIIRPVANVSDPVIIHFEVSMSQLVKVDEVNQIMETNLWLKQI WNDYKLKWNPSDYGGAEFMRVPAQKIWKPDIVLYNNAVGDVFQVDDKTKALLKYTG EVTWIPPAIFKSSCKIDVTYFPFDYQNCTMKFGSWSYDKAKIDLVLIGSSMNLKDYWE SGEWAIKAPGYKHDIKYNCCIEIYPDITYSLYIRRL
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 [CHRNA3 cholinergic receptor, nicotinic, alpha 3 \(neuronal\) \[Homo sapiens \]](#)

Official Symbol [CHRNA3](#)

Synonyms

CHRNA3; cholinergic receptor, nicotinic, alpha 3 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 3; neuronal acetylcholine receptor subunit alpha-3; acetylcholine receptor; nicotinic; alpha 3 (neuronal); neuronal nicotinic acetylcholine receptor, alpha3 subunit; LNCR2; PAOD2; NACHRA3; MGC104879;

Gene ID [1136](#)

mRNA Refseq [NM_000743](#)

Protein Refseq [NP_000734](#)

MIM [118503](#)

UniProt ID [P32297](#)

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