

Cholinergic Receptor Nicotinic Alpha 3 Human Recombinant

Item Number rAP-4284

Synonyms Cholinergic Receptor, Nicotinic, Alpha 3 (Neuronal), Cholinergic Receptor, Nicotinic, Alpha Polypeptide 3, NACHRA3, LNCR2, PAOD2, Neuronal Nicotinic Acetylcholine Receptor, Alpha3 Subunit, Neuronal

Description CHRNA3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (32-240 a.a) and having a molecular mass of 27kDa.

Uniprot Accesion Number P32297

Amino Acid Sequence

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MGSSHHHHHH
SSGLVPRGSH MGSSEAEHRL
FERLFEDYNE IIRPVANVSD PVIHFEVSM SQLVKVDEVN QIMETNLWLK QIWNDYKLKW NPSDY-
GGAEF
MRVPAQKIKW PDIVLYNNAV GDFQVDDKTK ALLKYTGEVT WIPPAIFKSS CKIDVTYFPF DYQNCT-
MKFG
  
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Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Formulation and Purity CHRNA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**