9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CHRNA3 Human

Cholinergic Receptor Nicotinic Alpha 3 Human Recombinant
RCP0435

Product Overview

Name	CHRNA3 Human
Description	
Cholinergic Receptor Nicotinic Alpha 3 Human Recombinant	
Accession (Primary)	P32297
Synonyms	
Cholinergic Receptor, Nicotinic, Alpha 3 (Neuronal), Cholinergic Receptor, Nicotinic, Alpha Polypeptide 3, NACHRA3, LNCR2, PAOD2, Neuronal Nicotinic Acetylcholine Receptor, Alpha3 Subunit, Neuronal Acetylcholine Receptor Subunit Alpha-3, Acetylcholine Receptor, Alpha 3 (Neuronal), Nicotinic, Neuronal acetylcholine receptor subunit alpha-3.	
Introduction	
Cholinergic Receptor Nicotinic Alpha 3, also known as CHRNA3 is part of the nicotinic acetylcholine receptor family. Proteins of this family form pentameric complexes comprised of both alpha & beta subunits. Furthermore, CHRNA3 is ligand-gated ions channel which prticipates in neurotransmission. CHRNA3 has been associated with an increased risk of smoking initiation as well as an increased susceptibility to lung cancer.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CHRNA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS SEAEHRL FERLFEDYNE IIRPVANVSD PVIIHFEVSM SQLVKVDEVN QIMETNLWLK QIWNDYKLKW NPSDYGGAEF MRVPAQKIWK PDIVLYNNAV GDFQVDDKTK ALLKYTGEVT WIPPAIFKSS CKIDVTYFPF DYQNCTMKFG SWSYDKAKID LVLIGSSMNL KDYWESGEWA IIKAPGYKHD	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IKYNCCEEIY PDITYSLYIR RL.

Precautions

CHRNA3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P32297)