

# Human CHRNA3 Recombinant Protein



RPPB3182

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## Product Information    Protein Information

**Product SKU:**

RPPB3182

**Accession:**

P32297

**Host:**

Escherichia Coli.

**Protein 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. CHRNA3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**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.

**Formulation:**

CHRNA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

**Purity:**

Greater than 80.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSSEAEHRL FERLFEDYNE IIRPVANVSD PVIIHFEVSM SQLVKVDEVN  
QIMETNLWLK QIWNDYKWKW NPSDYGGAEF MRVPAQKIWK PDIVLYNNAV GDFQVDDTK ALLKYTGVEV  
WIPPAIFKSS CKIDVTYFPF DYQNCTMKFG SWSYDKAKID LVLIGSSMNL KDYWESGEWA IIKAPGYKHD  
IKYNCCEIY PDITYSLYIR RL.