

## Datasheet for ABIN7318819 **CHRNA3 Protein (His tag)**

[Go to Product page](#)

### Overview

Quantity:	50 µg
Target:	CHRNA3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHRNA3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CHRNA3 Protein (His Tag)
Sequence:	Ile25-Leu232
Characteristics:	Recombinant Human Neuronal acetylcholine receptor subunit beta-3 is produced by our Mammalian expression system and the target gene encoding Ile25-Leu232 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CHRNA3
Alternative Name:	CHRNA3 ( <a href="#">CHRNA3 Products</a> )
Background:	Background: Neuronal acetylcholine receptor subunit beta-3(CHRNA3) is a cell membrane protein and belongs to the ligand-gated ion channel (TC 1.A.9) family. CHRNA3 seems to be

## Target Details

composed of two different type of subunits: alpha and beta. The CHRNB3 are (hetero) pentamers composed of homologous subunits. The subunits that make up the muscle and neuronal forms of CHRNB3 are encoded by separate genes and have different primary structure. There are several subtypes of neuronal CHRNB3 that vary based on which homologous subunits are arranged around the central channel. They are classified as alpha-subunits if like muscle alpha-1, they have a pair of adjacent cysteines as part of the presumed acetylcholine binding site. Subunits lacking these cysteine residues are classified as beta-subunits.

Synonym: Neuronal acetylcholine receptor subunit beta-3

Molecular Weight: 25.3 kDa

UniProt: [Q05901](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.