

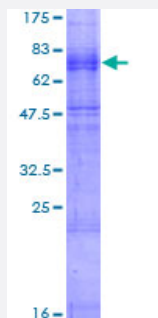
Full-Length

CHRNA3 (Human) Recombinant Protein (P01)

Catalog # H00001142-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHRNA3 full-length ORF (NP_000740.1, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPDFMLVLMGIPSSATTGFNSIAENEDALLRHLFQGYQKWVRPVLHSNDTIKVYFGLKISQLVD
VDEKNQLMTTNVWLKQEWTDHKLWNPDDYGGIHSIKVPSESLWLPDMLFENADGRFEGSLMT
KVIVKSNGTVVWTPPASYKSSCTMDVTFFPFDRQNC SMKFGSWTYDGTMDLILINENVDRKDF
DNGEWEILNAKGMKGNRRDGVSYYPFITYSFVLRRLPLFYTLFLIIPCLGLSFLTTLVVFYLP
SDEGEKLSLSTSVLVSLTVLLVIEEIPSSSKVIPLIGEYLLFIMFVTLISIVTVFVINVHHRSS
STYHPMAPWVKRLFLQKLPKLLCMKDHVDYSSPEKEESQPVVKGKVLKLEKKKQQLSDGEK
VLVAFLEKAADSIRYSRHVKKEHFISQVVDWKVFAQVLDRIFLWFLMSVTGSLIFTPALKMWLH
SYH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.1

Interspecies Antigen Sequence

Mouse (89); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHRNA3

Entrez GeneID	1142
GeneBank Accession#	NM_000749.3
Protein Accession#	NP_000740.1
Gene Name	CHRNA3
Gene Alias	-
Gene Description	cholinergic receptor, nicotinic, beta 3
Omim ID	118508
Gene Ontology	Hyperlink
Gene Summary	nicotinic
Other Designations	acetylcholine receptor, neuronal nicotinic, beta-3 subunit cholinergic receptor, nicotinic, beta polypeptide 3

Disease

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