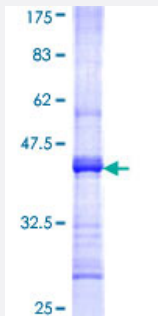


CHRNA2 (Human) Recombinant Protein (Q01)

Catalog # H00001135-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human CHRNA2 partial ORF (NP_000733, 27 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EEAKRPPPRAPGDP LSSPSPTALPQGGSHTETEDRLF KHLFRGYNRWARPVPNTSDVVMRFGL SIAQLIDVDEKNQMMTTNVWLKQEWSDYKLRWNPADFGNITSLRVP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (89); Rat (88)
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 — CHRNA2

Entrez GeneID [1135](#)

GeneBank Accession# [NM_00074](#)

Protein Accession# [NP_000733](#)

Gene Name CHRNA2

Gene Alias -

Gene Description cholinergic receptor, nicotinic, alpha 2 (neuronal)

Omim ID [118502](#) [610353](#)

Gene Ontology [Hyperlink](#)

Gene Summary nicotinic

Other Designations OTTHUMP00000128276|cholinergic receptor, nicotinic, alpha polypeptide 2 (neuronal)

Disease

- [Antisocial Personality Disorder](#)
- [Bipolar Disorder](#)
- [Chromosome Disorders](#)
- [Cognition](#)
- [Epilepsy](#)

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Psychological Tests](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)