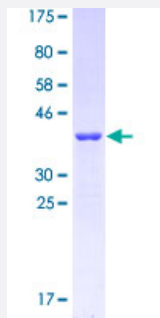


GABRA6 (Human) Recombinant Protein (Q01)

Catalog # H00002559-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GABRA6 partial ORF (NP_000802.1, 320 a.a. - 419 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	EFAAVNYFTNLQTQKAKRKAQFAAPPTVTISKATEPLEAEMLHPDSKYHLKKRITSLSLPMVSSSEA NKVLTRAPILQSTPVTTPPLSPAFGGTSKIDQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (75); Rat (78)
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 — GABRA6

Entrez GeneID [2559](#)

GeneBank Accession# [NM_000811.1](#)

Protein Accession# [NP_000802.1](#)

Gene Name GABRA6

Gene Alias MGC116903, MGC116904

Gene Description gamma-aminobutyric acid (GABA) A receptor, alpha 6

Omim ID [137143](#)

Gene Ontology [Hyperlink](#)

Gene Summary GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. [provided by RefSeq]

Other Designations GABA subunit A receptor alpha 6|gamma-aminobutyric acid A receptor, alpha 6

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cues](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Genetic Predisposition to Disease](#)
- [Heartburn](#)
- [Heroin Dependence](#)
- [Mental Disorders](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Stress](#)