

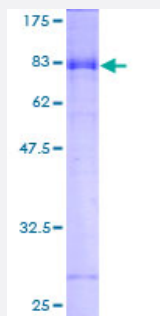
Full-Length

GABRA3 (Human) Recombinant Protein (P01)

Catalog # H00002556-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GABRA3 full-length ORF (AAH28629, 30 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

GESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRILDRLLDGYDNRLRPGLGDAVTEVKTD
IVTSFGPVSDTDMEYTIDVFFRQTWDERLKFDGPMKILPLNNLLASKIWTPDTFFHNGKKSVAH
NMTPPNKLLRLVDNGTLPYTMRLTIHAECPMHLED FPMDVHACPLKFGSYAYTTAEVVYSWTLGK
NKSVEVAQDGSRLNQYDLLGHVVGTEIIRSSTGEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILSQV
SFWLNRESVPARTVFGVTTVLMTTSLISARNSLPKVAYATAMDWFIACVYAFVFSALIEFATVNYF
TKRSWAWEGKKVPEALEMKKKTPAAPAKKTSTTFNIVGTTYPINLAKDTEFSTISKGAAPSASSTP
TIASPKATYVQDSPTEKTYNSVSKVDKISRIFPVLFAIFNLVYWATYVNRESAIGMIRKQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.67

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — GABRA3

Entrez GeneID	2556
GeneBank Accession#	BC028629
Protein Accession#	AAH28629
Gene Name	GABRA3
Gene Alias	MGC33793
Gene Description	gamma-aminobutyric acid (GABA) A receptor, alpha 3
Omim ID	305660
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	OTTHUMP00000025897 OTTHUMP00000025898 gamma-aminobutyric acid A receptor, alpha 3 gamma-animobutyric acid (GABA) A receptor, alpha 3

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Affective Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Hyperthyroidism](#)
- [Hypokalemia](#)
- [Mental Disorders](#)
- [NARP](#)
- [Neurotic Disorders](#)
- [Schizophrenia](#)
- [Thyroid Crisis](#)