

Recombinant Full Length Human GABRA3 Protein, GST-tagged

Cat. No. GABRA3-5187HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GABRA3 full-length ORF (AAH28629, 30 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	30-492 amino acids
Description	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]
Molecular Mass	76.67 kDa
AA Sequence	GESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRILDRLLDGYDNRLRPGLG DAVTEVKTDIYVTSFGPVSDTDMEYTIDVFFRQTWHERLKFDPKILPLNLLASK IWTPDTFFHNGKKSVAHNMTTPNKLLRLVDNGTLPYTMRLTIHAECMPHLEDFPMDV HACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEIIRSST GEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLT MTTLSISARNSLPKVAYATAMDWFIACVAFVFSALIEFATVNYFTKRSWAWEGKKV PEALEMKKKTPAAPAKKTSTTFNIVGTTYPINLAKDTEFSTISKGAAPSASSTPTIIASP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



KATYVQDSPTETKTYNSVSKVDKISRIFPVLFAIFNLVYWATYVNRESAIKGMIRKQ

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GABRA3 gamma-aminobutyric acid (GABA) A receptor, alpha 3 [Homo sapiens]

Official Symbol

GABRA3

Synonyms

GABRA3; gamma-aminobutyric acid (GABA) A receptor, alpha 3; gamma-aminobutyric acid receptor subunit alpha-3; GABA(A) receptor; alpha 3; GABA(A) receptor, alpha 3; GABA(A) receptor subunit alpha-3; gamma-animobutyric acid (GABA) A receptor, alpha 3; MGC33793;

Gene ID

2556

mRNA Refseq

NM_000808

Protein Refseq

NP_000799

MIM

305660

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UniProt ID

P34903

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