

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 DAVTEVKTDIYVTSFGPVSDTDMEYTIDVFFRQTWDERLKFDGPMKILPLNNLLASK IWTPDTFFHNGKKSVAHNMTTPNKLRLVDNGTLPYTMRLTIHAECPMHLEDFPMDV HACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEIIRSST GEYVVMTTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLT MTTLSISARNSLPKVAYATAMDWFIACVAFVFSALIEFATVNYFTKRSWAWEGKKV PEALEMKKKTPAAPAKKTSTTFNIVGTTYPINLAKDTEFSTISKGAAPSASSTPTIIASP

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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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