

Recombinant Human GABRA3 Protein, GST-tagged

Cat. No. GABRA3-4637H **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	Wheat Germ
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 DAVTEVKTDIYVTSFGPVSDTDMEYIDVFFRQTWHERLKFDPKILPLNLLASK IWTPDTFFHNGKKSVAHNMTTPNKLRLVDNGTLPYTMRLTIHAECPMHLEDFPMDV HACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEIIRSST GEYVVMTTHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLT MTTSLISARNSLPKVAYATAMDWFIACVAFVFSALIEFATVNYFTKRSWAWEGKKV PEALEMKKKTPAAPAKKTSTTFNIVGTTYPINLAKDTEFSTISKGAAPSASSTPTIIASP KATYVQDSPTETKTYNSVSKVDKISRIFPVLFAIFNLVYWATYVNRESAIGMIRKQ
Applications	Enzyme-linked Immunoabsorbent Assay

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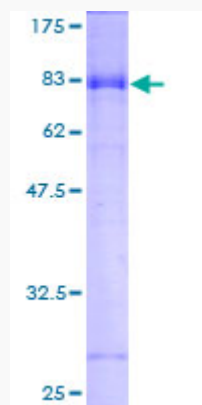
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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
UniProt ID	P34903

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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