Recombinant Human GABRA4 Protein, GST-tagged

Cat. No. GABRA4-4639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRA4 full-length ORF (NP_000800.2, 1 a.a. - 554 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	88 kDa
AA Sequence	MVSAKKVPAIALSAGVSFALLRFLCLAVCLNESPGQNQKEEKLCTENFTRILDSLLDG YDNRLRPGFGGPVTEVKTDIYVTSFGPVSDVEMEYTMDVFFRQTWIDKRLKYDGPIE ILRLNNMMVTKVWTPDTFFRNGKKSVSHNMTAPNKLFRIMRNGTILYTMRLTISAEC PMRLVDFPMDGHACPLKFGSYAYPKSEMIYTWTKGPEKSVEVPKESSSLVQYDLIG QTVSSETIKSITGEYIVMTVYFHLRRKMGYFMIQTYIPCIMTVILSQVSFWINKESVPAR TVFGITTVLTMTTLSISARHSLPKVSYATAMDWFIAVCFAFVFSALIEFAAVNYFTNIQ MEKAKRKTSKPPQEVPAAPVQREKHPEAPLQNTNANLNMRKRTNALVHSESDVGN RTEVGNHSSKSSTVVQESSKGTPRSYLASSPNPFSRANAAETISAARALPSASPTSI RTGYMPRKASVGSASTRHVFGSRLQRIKTTVNTIGATGKLSATPPPSAPPPSGSGTS

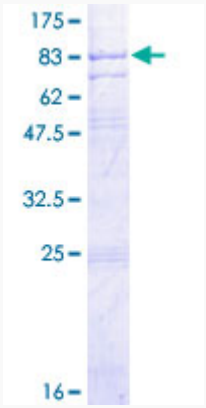
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	KIDKYARILFPVTFGAFNMVYWVVYLSKDTMEKSESLM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store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

GENE INFORMATION

Gene Name	GABRA4 gamma-aminobutyric acid (GABA) A receptor, alpha 4 [Homo sapiens]
Official Symbol	GABRA4
Synonyms	GABRA4; gamma-aminobutyric acid (GABA) A receptor, alpha 4; gamma-aminobutyric acid receptor subunit alpha-4; GABA(A) receptor; alpha 4; GABA(A) receptor, alpha 4;
Gene ID	2557
mRNA Refseq	NM_000809
Protein Refseq	NP_000800
MIM	137141

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UniProt ID	P48169
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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