

# Recombinant Full Length Human GABRA4 Protein, GST-tagged

Cat. No. GABRA4-5189HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GABRA4 full-length ORF ( NP_000800.2, 1 a.a. - 554 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	554 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	88 kDa
<b>AA Sequence</b>	MVSAKKVPAIALSAGVSFALLRFLCLAVCLNESPGQNQKEEKLCTENFTRILDSLLDG YDNRLRPGFGGPVTEVKTDIYVTSFGPVSDVEMEYTM DVFFRQTWIDKRLKYDGP ILRLNMMVTKVWTPDFFRNGKKS VSHNMTAPNKLFRIMRNGTILYTMRLTISAEC PMRLVDFPMDGHACPLKFGSYAYPKSEMIYTWTGPEKSVEVPKESSSLVQYDLIG QTVSSETIKSITGEYIVMTVYFHLRRKMGYFMIQTYIPCIMTVILSQVSWINKESV PAR TVFGITTVLMTTLLSISARHSLPKVSYATAMDWFIACFAFVSALIEFAAVNYFTNIQ MEKAKRKTSKPPQEVPAAPVQREKHPEAPLQNTNANLNMRKRTNALVHSESDVGN

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RTEVGNHSSKSSTVVQESSKGTTPRSYLASSPNPFSRANAAETISAARALPSASPTSI  
 RTGYMPRKASVGSASTRHVFGSRLQRIKTTVNTIGATGKLSATPPPSAPPPSGSGTS  
 KIDKYARILFPVTFGAFNMVYVVVYLSKDTMEKSESLM

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

## GENE INFORMATION

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

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<b>MIM</b>	137141
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<b>UniProt ID</b>	P48169
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