

## Recombinant Human GABRA4 Protein, GST-tagged

**Cat. No.** GABRA4-4639H    **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>	Wheat Germ
<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 YDNRRLRPGFGGPVTEVKTDIYVTSFGPVSDEVEMEYTMDFVFRQTWIDKRLKYDGP ILRLNMMVTKVWTPDTFFRNGKKS VSHNMTAPNKLFRIMRNGTILYTMRLTISAEC PMRLVDFPMDGHACPLKFGSYAYPKSEMIYTWTKGPEKSVEVPKESSSLVQYDLIG QTVSSETIKSITGEYIVMTVYFHLRRKMGYFMIQTYIPCIMTVILSQVSWINKESV PAR TVFGITTVLMTTLLSISARHSLPKVSYATAMDWFIAVCFVFSALIEFAAVNYFTNIQ MEKAKRKTSKPPQEVPAAPVQREKHPEAPLQNTNANLNMRKRTNALVHSESDVGN RTEVGNHSSKSSTVVQESSKGTTPRSYLASSPNPFSRANA AETISAARALPSASPTSI 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-HCl, 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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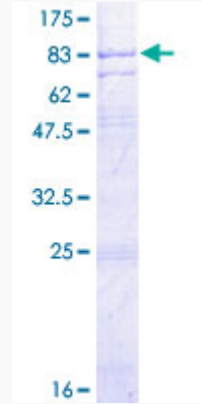
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UniProt ID

P48169

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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