

Recombinant Full Length Human GABRA4 Protein, GST-tagged

Cat. No. GABRA4-5189HF **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	In Vitro Cell Free System
ProteinLength	554 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	88 kDa
AA Sequence	MVSAKKVPAIALSAGVSFALLRFLCLAVCLNESPGQNQKEEKLCTENFTRILDSLLDG YDNRRLRPGFGGPVTEVKTDIYVTSFGPVSDVEMEYTM DVFFRQTWIDKRLKYDGP IEILRLNNMMVTKVWTPDTFFRNGKKS VSHNMTAPNKLFRIMRNGTILYTMRLTISAEC PMRLVDFPMDGHACPLKFGSYAYPKSEMIYTWTKGPEKSVEVPKESSSLVQYDLIG QTVSSETIKSITGEYIVMTVYFHLRRKMGYFMIQTYIPCIMTVILSQVSWINKESV PARTVFGITTVLTMTTLSISARHSLPKVSYATAMDWFIACFAFVSALIEFAAVNYFTNIQ MEKAKRKTSKPPQEVPAAPVQREKHPEAPLQNTNANLNMRKRTNALVHSESDVGN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RTEVGNHSSKSSTVVQESSKGTPRSYLASSPNPFSRANAAETISAARALPSASPTSI
RTGYMPRKASVGSASTRHVFGSRLQRIKTTVNTIGATGKLSATPPPSAPPPSGSGTS
KIDKYARILFPVTFGAFNMVYVVVYLSKDTMEKSESLM

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

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MIM	137141
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UniProt ID	P48169
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