

Recombinant Full Length Human GABRA6 Protein, GST-tagged

Cat. No. GABRA6-5194HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRA6 full-length ORF (NP_000802.1, 1 a.a. - 453 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	453 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	77.4 kDa
AA Sequence	<p>MASSLPWLCCIILWLENALGKLEVEGNFYSENVSRILDNLLEGYDNRLRPGFGGAVTE VKTDIYVTSFGPVSDVEMEYTM DVFFRQWTDERLKFGGPTEILSLNNLMVSKIWTP DTFFRNGKKSIAHNMTTPNKLFRIMQNGTILYTMRLTINADCPMRLVNFPM DGHACP LKFGSYAYPKSEIIYTWKKGPLYSVEVPEESSLLQYDLIGQTVSSETIKSNTGEYVIM TVYFHLQRKMGYFMIQIYTPCIMTVILSQVSWINKESVPARTVFGITTVLTMTTLSISA RHSLPKVSYATAMDWFIAVCFVFSALIEFAAVNYFTNLQTQKAKRKAQFAAPPTV TISKATEPLEAEIVLHPDSKYHLKKRITSLSLPIVSSSEANKVLTRAPILQSTPVT PPLS</p>

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PAFGGTSKIDQYSRILFPVAFAGFNLVYVVVYLSKDTMEVSSSVE

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

GABRA6 gamma-aminobutyric acid (GABA) A receptor, alpha 6 [Homo sapiens]

Official Symbol

GABRA6

Synonyms

GABRA6; gamma-aminobutyric acid (GABA) A receptor, alpha 6; gamma-aminobutyric acid receptor subunit alpha-6; GABA(A) receptor; alpha 6; GABA(A) receptor, alpha 6; GABA subunit A receptor alpha 6; GABA(A) receptor subunit alpha-6; MGC116903; MGC116904;

Gene ID

2559

mRNA Refseq

NM_000811

Protein Refseq

NP_000802

MIM

137143

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UniProt ID

Q16445

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