

Recombinant Human GABRA2 Protein, His/GST-tagged

Cat. No. GABRA2-388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRA2(Phe42~Ile250) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe42~Ile250
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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	54.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

GABRA2 gamma-aminobutyric acid (GABA) A receptor, alpha 2 [Homo sapiens]

Official Symbol

GABRA2

Synonyms

GABRA2; gamma-aminobutyric acid (GABA) A receptor, alpha 2; gamma-aminobutyric acid receptor subunit alpha-2; GABA(A) receptor; alpha 2; GABA(A) receptor, alpha 2; GABA(A) receptor subunit alpha-2; FLJ97076;

Gene ID

2555

mRNA Refseq

NM_000807

Protein Refseq

NP_000798

MIM

137140

UniProt ID

P47869

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