Recombinant Human GABRG1, GST-tagged

Cat. No. GABRG1-13102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRG1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	38-271a.a.
Description	The protein encoded by this gene belongs to the ligand-gated ionic channel family. It is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the benzodiazepine receptor and opening an integral chloride channel. This gene is clustered with three other family members on chromosome 4.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	GABRG1 gamma-aminobutyric acid (GABA) A receptor, gamma 1 [Homo sapiens]

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Official Symbol	GABRG1
Synonyms	GABRG1; gamma-aminobutyric acid (GABA) A receptor, gamma 1; gamma-aminobutyric acid receptor subunit gamma-1; GABA(A) receptor; gamma; gamma-1 polypeptide; GABA(A) receptor, gamma; GABA(A) receptor subunit gamma-1; MGC33838; DKFZp686H2042;
Gene ID	2565
mRNA Refseq	NM_173536
Protein Refseq	NP_775807
MIM	137166
UniProt ID	Q8N1C3
Chromosome Location	4p12
Pathway	GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Nicotine addiction, organism-specific biosystem;
Function	GABA-A receptor activity; chloride channel activity; extracellular ligand-gated ion channel activity; ion channel activity;

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