

Recombinant Full Length Human GABRG1 Protein, GST-tagged

Cat. No. GABRG1-5201HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRG1 full-length ORF (AAH31087.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	465 amino acids
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. [provided by RefSeq]
Molecular Mass	80.1 kDa
AA Sequence	<p>MGPLKAFLFSPFLLRSQSRGVRLVLLLLTLHLGNCVDKADDEDDEDLTVNKTWVLAP KIHGDITQILNSLLQGVDNKLRPDIGVRPTVIETDVYVNSIGPVDPINMEYTIDIIFAQ WFDSRLKFNSTMKVLMMLNSNMVGGKIWIPDTFFRNSRKSDAH WITTPNRLRLRIWNDG RVLYTLRLTINAECYLQLHNFPMDEHSCPLEFSSYGYPKNEIEYKWKKPSVEVADPK YWRLYQFAFVGLRNSTEITHTISGDYVIMTIFFDL SRRMGYFTIQTYIPCILT VVLSWVS FWINKDAVPARTSLGITT VLTMTTLSTIARKSLPKVSYVTAMD L FVSVCFIFVFAALME YGTLHYFTSNQKGKTATKDRKLNKASMTPLHPGSTLIPMNNISVPQEDDYEQCL</p>

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EGKDCASFFCCFEDCRTGWSWREGRIHIRIAKIDSYSRIFFPTAFALFNLVYWVGYYL

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

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

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](#)

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UniProt ID

Q8N1C3

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