

Recombinant Human GABRG1 Protein, GST-tagged

Cat. No. GABRG1-4650H **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	Wheat Germ
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	MGPLKAFLFSPFLLRSQSRGVRLVLLLLTLHLGNCVDKADDEDDEDLTVNKTWVLAP KIHEGDITQILNSLLQGYDNKLRPDIGVRPTVIETDVYVNSIGPVDPINMEYTIDIIFAQT WFDSRLKFNSTMKVLMNSNMVGKIWIPDTFFRNSRKSDAHWITTPNRLRLRIWNDG RVLYTLRLTINAECYLQLHNFPMDHEHSCPLEFSSYGYPKNEIEYKWKPKSVEVADPK YWRLYQFAFVGLRNSTEITHTISGDYVIMTIFFDLSSRMGYFTIQTYIPCILTVVLSWVS FWINKDAVPARTSLGITTVLMTTLSTIARKSLPKVSYVTAMDLFVSVCFIFVFAALME YGTLHYFTSNQKGKTATKDRKLKNKASMTPLHPGSTLIPMNNISVPQEDDYEQCL EGKDCASFFCCFEDCRTGWSWREGRIHIRIAKIDSYSRIFPTAFALFNLVYWVGYYLYL
Applications	Enzyme-linked Immunoabsorbent Assay

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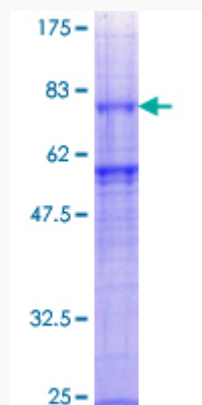
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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
UniProt ID	Q8N1C3

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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