

## Recombinant Human GABRG1 Protein, GST-tagged

Cat. No. GABRG1-4650H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GABRG1 full-length ORF ( AAH31087.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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
<b>Molecular Mass</b>	80.1 kDa
<b>AA Sequence</b>	<p>MGPLKAF LFSPFLLRSQSRGVRLV FLLL TLHLGNCV DKADEDEDLTVNKTWVLAP          KIHEGDITQILNSLLQG YDNKLRPDIGVRPTVIETDVYVNSIGPVDPINMEYTIDIIFAQT          WFDSRLKF NSTMKV LMLNSNMV GKIWI PDTFFRNSRKS DAHWITTPN RLLRIWNDG          RVLYTLRLTINAECYLQ LHNFPMD EHS CPLEFSSY GYPKNEIEYKWK KPSVEVADPK          YWRLYQFAFVGLRNSTEITHTISGDYVIMTIFFDL SRRMGYFTIQTYIPCILTVVLSWVS          FWINKDAVPARTSLGITT VLTMTTLSTIARKSLPKVSYVTAMD L FVSVC FIFVFAALME          YGTLHYFTSNQKGTATKDRK LKNKASMT PGLHPGSTLIPMNNISVPQEDDYEQCL          EGKDCASFFCCFEDCRTG SWREGRIHIRIAKIDSYSRIFFPTAFALFNLVYWVG YLYL</p>
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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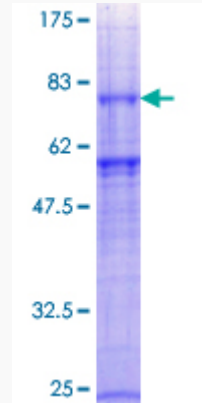
	Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">GABRG1 gamma-aminobutyric acid (GABA) A receptor, gamma 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GABRG1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">2565</a>
<b>mRNA Refseq</b>	<a href="#">NM_173536</a>
<b>Protein Refseq</b>	<a href="#">NP_775807</a>
<b>MIM</b>	<a href="#">137166</a>
<b>UniProt ID</b>	<a href="#">Q8N1C3</a>

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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