Recombinant Human GABRB1 Protein, GST-tagged

Cat. No. GABRB1-4645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRB1 partial ORF (NP_000803, 28 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor. Alteration of this gene is implicated in the pathogenetics of schizophrenia. [provided by RefSeq
Molecular Mass	37.73 kDa
AA Sequence	TNEPSNMPYVKETVDRLLKGYDIRLRPDFGGPPVDVGMRIDVASIDMVSEVNMDYT LTMYFQQSWKDKRLSYSGIPLNLTLDNRVADQLWVPDTYFLNDKKSFVHGVTV
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.

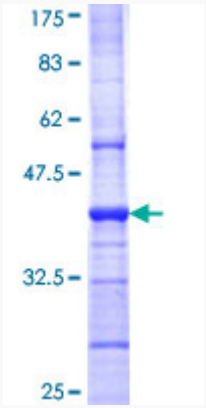
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GABRB1 gamma-aminobutyric acid (GABA) A receptor, beta 1 [Homo sapiens]
Official Symbol	GABRB1
Synonyms	GABRB1; gamma-aminobutyric acid (GABA) A receptor, beta 1; gamma-aminobutyric acid receptor subunit beta-1; GABA(A) receptor; beta 1; GABA(A) receptor, beta 1; GABA(A) receptor subunit beta-1;
Gene ID	2560
mRNA Refseq	NM_000812
Protein Refseq	NP_000803
MIM	137190
UniProt ID	P18505

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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