

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 LTMFYQQSWKDKRLSYSGIPLNLTLNDRVADQLWVPDTYFLNDKKSFVHGVTV
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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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

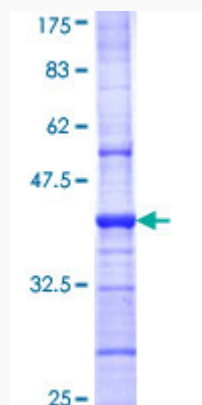
UniProt ID [P18505](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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