

## Recombinant Human GABRB3 Protein, GST-tagged

**Cat. No.** GABRB3-4647H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GABRB3 partial ORF ( AAH10641, 26 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a member of the ligand-gated ionic channel family. The encoded protein is one of at least 13 distinct subunits of a multisubunit chloride channel that serves as the receptor for gamma-aminobutyric acid, the major inhibitory transmitter of the nervous system. This gene is located on the long arm of chromosome 15 in a cluster with two genes encoding related subunits of the family. Mutations in this gene may be associated with the pathogenesis of Angelman syndrome, Prader-Willi syndrome, and autism. Alternatively spliced transcript variants encoding isoforms with distinct signal peptides have been described. [provided by RefSeq]
<b>Molecular Mass</b>	37.84 kDa
<b>AA Sequence</b>	QSVNDPGNMSFVKETVDKLLKGYDIRLRPDFGGPPVCVGMNIDIASIDMVSEVNMD YTLTMYFQQYWRDKRLAYSGIPLNLTLDNRVADQLWVPDITYFLNDKKSFVHGVT
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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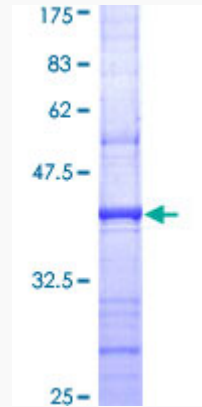
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GABRB3 gamma-aminobutyric acid (GABA) A receptor, beta 3 [ Homo sapiens ]
<b>Official Symbol</b>	GABRB3
<b>Synonyms</b>	GABRB3; gamma-aminobutyric acid (GABA) A receptor, beta 3; gamma-aminobutyric acid receptor subunit beta-3; GABA(A) receptor; beta 3; GABA(A) receptor, beta 3; GABAA receptor beta-3 subunit; GABA(A) receptor beta-3 subunit; GABA-alpha receptor beta-2 subunit; ECA5; MGC9051;
<b>Gene ID</b>	2562
<b>mRNA Refseq</b>	NM_000814
<b>Protein Refseq</b>	NP_000805
<b>MIM</b>	137192
<b>UniProt ID</b>	P28472

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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