

Recombinant Human GABRB3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GABRB3 partial ORF (AAH10641, 26 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	37.84 kDa
AA Sequence	QSVNDPGNMSFVKETVDKLLKGYDIRLRPDFGGPPVCVGMNIDIASIDMVSEVNMD YTLTMYFQQYWRDKRLAYSGIPLNLTLNDRVADQLWVPDITYFLNDKKSFVHGV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

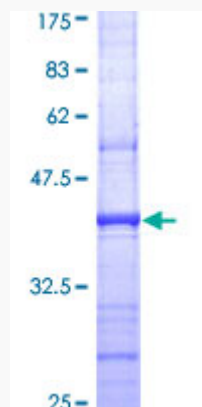
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 45-1 Ramsey Road, Shirley, NY 11967, USA

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	GABRB3 gamma-aminobutyric acid (GABA) A receptor, beta 3 [Homo sapiens]
Official Symbol	GABRB3
Synonyms	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;
Gene ID	2562
mRNA Refseq	NM_000814
Protein Refseq	NP_000805
MIM	137192
UniProt ID	P28472

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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