

Recombinant Human GABRB1 Protein, His-tagged

Cat. No. GABRB1-1548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRB1 Protein (His26-Tyr245) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His26-Tyr245
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	GABRB1 gamma-aminobutyric acid (GABA) A receptor, beta 1 [Homo sapiens (human)]
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

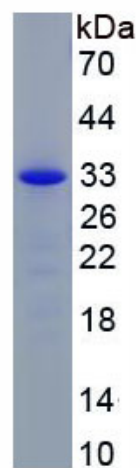
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