Recombinant Human GABRE Protein, His-tagged

Cat. No. GABRE-1553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRE Protein (Pro23-Lys253) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro23-Lys253
Description	The product of this gene belongs to the ligand-gated ionic channel (TC 1.A.9) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.4 kDa Accurate Molecular Mass: 30 kDa
Purity	> 95%
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 PBS or others.

GENE INFORMATION

Gene Name	GABRE gamma-aminobutyric acid (GABA) A receptor, epsilon [Homo sapiens (human)]
Official Symbol	GABRE
Synonyms	GABRE; gamma-aminobutyric acid (GABA) A receptor, epsilon; gamma-aminobutyric acid receptor subunit epsilon; GABA(A) receptor; epsilon; GABA(A) receptor, epsilon; GABA(A) receptor subunit epsilon;
Gene ID	2564
mRNA Refseq	NM_004961
Protein Refseq	NP_004952
MIM	300093

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UniProt ID	P78334

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