

Recombinant Human GABRE Protein, GST-tagged

Cat. No. GABRE-4648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRE full-length ORF (AAH59376, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	65.89 kDa
AA Sequence	MLSKVLPVFLGILLILQSRVEGPQTESKNEASSRDVVYGPQPQPLENQLLSEETKSTE TETGSRVGKLPEASRILNTILSNYDHKL RPGIGEKPTVVTVEIAVNSLGPLSILDMEYTI DIIFSQTWYDERLCYNDTFESLV LNGNVVSQLWIPDTFFRN SKR THEHEITMPNQMV RIYKDGKVL Y TIRMTIDAGCSLHMLRFPMDSHSCPLSFSSFSYPENEMIYKWENFKL EINEKNSWKLFQFDFTGVS NKTEIITTPVGDFMVM TIFFNVSRRFGYVAFQNYVPSSV TTMLSWVSFWIKTESAPARTSLGITSVL TMTTLGTFSRKNFPRVSYITALDFYIAICFV FCFCALLEFAVLNFLM

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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.
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

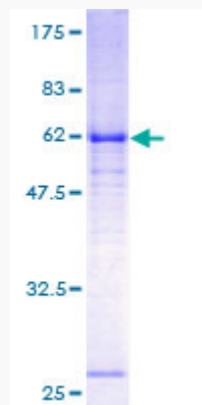
Gene Name	GABRE gamma-aminobutyric acid (GABA) A receptor, epsilon [Homo sapiens]
Official Symbol	GABRE
Synonyms	GABRE; gamma-aminobutyric acid (GABA) A receptor, epsilon; gamma-aminobutyric acid receptor subunit epsilon; GABA(A) receptor; epsilon; GABA(A) receptor, epsilon; GABA(A) receptor subunit epsilon;
Gene ID	2564
mRNA Refseq	NM_004961
Protein Refseq	NP_004952
MIM	300093
UniProt ID	P78334

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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