

## Recombinant Human GABRR1 Protein, His&GST-tagged

Cat. No. GABRR1-1555H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GABRR1 Protein (Thr22-Ile281) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr22-Ile281
<b>Description</b>	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. GABRR1 is a member of the rho subunit family. Several transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 60.6 kDa Accurate Molecular Mass: 61 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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

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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**

[GABRR1 gamma-aminobutyric acid \(GABA\) A receptor, rho 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[GABRR1](#)

**Synonyms**

GABRR1; gamma-aminobutyric acid (GABA) A receptor, rho 1; gamma aminobutyric acid (GABA) receptor, rho 1; gamma-aminobutyric acid receptor subunit rho-1; GABA(A) receptor; rho 1; GABA(C) receptor; GABA(A) receptor, rho 1; GABA(A) receptor subunit rho-1; gamma-aminobutyric acid (GABA) receptor, rho 1; gamma-aminobutyric acid (GABA) A receptor, rho-1; bA135P14.1 (gamma-aminobutyric acid (GABA) receptor, rho 1); MGC163216;

**Gene ID**

[2569](#)

**mRNA Refseq**

[NM\\_001256703](#)

**Protein Refseq**

[NP\\_001243632](#)

**MIM**

[137161](#)

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