

Recombinant Human GABRR1 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GABRR1 Protein (Thr22-Ile281) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr22-Ile281
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.6 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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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UniProt ID

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