

Recombinant Human GABRA3 Protein, His-tagged

Cat. No. GABRA3-1543H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRA3 Protein (Gly30-Gly276) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly30-Gly276
Description	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7 kDa Accurate Molecular Mass: 32 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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

[GABRA3 gamma-aminobutyric acid \(GABA\) A receptor, alpha 3 \[Homo sapiens \(human\) \]](#)

Official Symbol

[GABRA3](#)

Synonyms

GABRA3; gamma-aminobutyric acid (GABA) A receptor, alpha 3; gamma-aminobutyric acid receptor subunit alpha-3; GABA(A) receptor; alpha 3; GABA(A) receptor, alpha 3; GABA(A) receptor subunit alpha-3; gamma-animobutyric acid (GABA) A receptor, alpha 3; MGC33793;

Gene ID

[2556](#)

mRNA Refseq

[NM_000808](#)

Protein Refseq

[NP_000799](#)

MIM

[305660](#)

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UniProt ID

P34903

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