Recombinant Human GABRA6 Protein, His-tagged

Cat. No. GABRA6-1546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRA6 Protein (Glu41-Gln207) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu41-Gln207
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: 22.8 kDa Accurate Molecular Mass: 23 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

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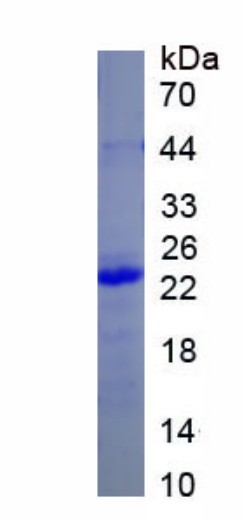
	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	GABRA6 gamma-aminobutyric acid (GABA) A receptor, alpha 6 [Homo sapiens (human)]
Official Symbol	GABRA6
Synonyms	GABRA6; gamma-aminobutyric acid (GABA) A receptor, alpha 6; gamma-aminobutyric acid receptor subunit alpha-6; GABA(A) receptor; alpha 6; GABA(A) receptor, alpha 6; GABA subunit A receptor alpha 6; GABA(A) receptor subunit alpha-6; MGC116903; MGC116904;
Gene ID	2559
mRNA Refseq	NM_000811
Protein Refseq	NP_000802
MIM	137143

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UniProt ID	Q16445



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