

Recombinant Mouse Gabra6 Protein, His-tagged

Cat. No. Gabra6-1547M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gabra6 Protein (Gln20-Tyr242) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln20-Tyr242
Description	Enables transmitter-gated ion channel activity involved in regulation of postsynaptic membrane potential. Predicted to be involved in several processes, including GABAergic synaptic transmission; chloride transmembrane transport; and gamma-aminobutyric acid signaling pathway. Predicted to act upstream of or within chloride transport. Is active in cerebellar Golgi cell to granule cell synapse. Is expressed in central nervous system and retina. Orthologous to human GABRA6 (gamma-aminobutyric acid type A receptor subunit alpha6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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	Gabra6 gamma-aminobutyric acid (GABA) A receptor, subunit alpha 6 [Mus musculus (house mouse)]
Official Symbol	Gabra6
Synonyms	GABRA6; gamma-aminobutyric acid (GABA) A receptor, subunit alpha 6; gamma-aminobutyric acid receptor subunit alpha-6; GABA-ARalpha6; GABA(A) receptor subunit alpha-6; gamma-aminobutyric acid A recptor, subunit alpha 6; subunit alpha 6 gamma-aminobutyric acid (GABA-A) receptor; gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 6; alpha6; Gabra-6;
Gene ID	14399
mRNA Refseq	NM_001099641
Protein Refseq	NP_001093111

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UniProt ID

P16305

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