

Recombinant Mouse Gabrd Protein, His-tagged

Cat. No. Gabrd-1552M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gabrd Protein (Leu44-Thr223) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu44-Thr223
Description	Enables transmitter-gated ion channel activity involved in regulation of postsynaptic membrane potential. Predicted to be involved in several processes, including chemical synaptic transmission; chloride transmembrane transport; and regulation of membrane potential. Predicted to act upstream of or within chloride transport. Located in axon; dendrite; and neuronal cell body. Is integral component of postsynaptic membrane. Is active in GABA-ergic synapse. Is expressed in several structures, including brain; metanephros; respiratory system; sensory organ; and ventricular layer. Used to study postpartum depression. Human ortholog(s) of this gene implicated in idiopathic generalized epilepsy 10. Orthologous to human GABRD (gamma-aminobutyric acid type A receptor subunit delta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.4 kDa Accurate Molecular Mass: 26 kDa

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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 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	Gabrd gamma-aminobutyric acid (GABA) A receptor, subunit delta [Mus musculus (house mouse)]
Official Symbol	Gabrd
Synonyms	GABRD; gamma-aminobutyric acid (GABA) A receptor, subunit delta; gamma-aminobutyric acid receptor subunit delta; GABA(A) receptor subunit delta; gamma-aminobutyric acid (GABA-A) receptor, subunit delta; AI853201; MGC151209; MGC151213;
Gene ID	14403
mRNA Refseq	NM_008072

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Protein Refseq	NP_032098
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UniProt ID	P22933
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