

Recombinant Mouse Grin3b Protein, His&GST-tagged

Cat. No. Grin3b-1592M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Grin3b Protein (Ala102-Lys369) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala102-Lys369
Description	Contributes to calcium channel activity. Involved in protein insertion into membrane and regulation of calcium ion transport. Located in neuronal cell body. Part of NMDA selective glutamate receptor complex. Is expressed in central nervous system; gut gland; retina; and testis. Orthologous to human GRIN3B (glutamate ionotropic receptor NMDA type subunit 3B).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.3 kDa Accurate Molecular Mass: 55 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 PBS or others.

GENE INFORMATION

Gene Name

Grin3b glutamate receptor, ionotropic, NMDA3B [*Mus musculus* (house mouse)]

Official Symbol

Grin3b

Synonyms

GRIN3B; glutamate receptor, ionotropic, NMDA3B; glutamate [NMDA] receptor subunit 3B; nr4; NMDAR3B; NMDA receptor 4; N-methyl-D-aspartate receptor subunit NR3B; NR3B;

Gene ID

170483

mRNA Refseq

NM_130455

Protein Refseq

NP_569722

UniProt ID

Q91ZU9

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