

## Recombinant Mouse Grin1 Protein, MYC/DDK-tagged

Cat. No. Grin1-1064M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse glutamate receptor, ionotropic, NMDA1 (zeta 1) (Grin1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Biased expression in cortex adult (RPKM 73.7), frontal lobe adult (RPKM 72.0) and 5 other tissues.
<b>Molecular Mass</b>	105.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Grin1 glutamate receptor, ionotropic, NMDA1 (zeta 1) [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Grin1
<b>Synonyms</b>	Grin1; glutamate receptor, ionotropic, NMDA1 (zeta 1); NR1; GluN1; Nmdar; NMD-R1; NMDAR1; M100174; Rgsc174; GluRzeta1; GluRdelta1; glutamate receptor ionotropic, NMDA 1; N-methyl-D-aspartate receptor subunit NR1; glutamate [NMDA] receptor subunit zeta-1
<b>Gene ID</b>	14810
<b>mRNA Refseq</b>	NM_008169
<b>Protein Refseq</b>	NP_032195
<b>UniProt ID</b>	P35438

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