

## Recombinant Human GRIN1 protein, His&Myc-tagged

Cat. No. GRIN1-2995H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GRIN1 protein(Q05586)(19-559aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-559aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	68.0 kDa
<b>AA Sequence</b>	<p>RAACDPKIVNIGAVLSTRKHEQMFREAVNQANKRHGSKIQLNATSVTHKPNAIQM  ALSVCEDLISSQVYAILVSHPTPNDFHTPTVSYTAGFYRIPVLGLTTRMSIYSDKSI  HLSFLRTVPPYSHQSSVWFEMMRVYSWNHILLVSDDEHGAAQKRLETLLERES  KAEKVLQFDPGTKNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYV  WLVGEREISGNALRYAPDGILGLQLINGKNESAHISDAVGVVAQAVHELLENITDP  PRGCVGNTNIWKTGPLFKRVLMSKYADGVTGRVEFNEDGDRKFANYSIMNLQNR  KLVQVGIYNGTHVIPNDRKIIWPGGETEKPRGYQMSTRLLKIVTIHQEPFVYVKPTLSD  GTCKEEFTVNGDPVKKVICTGPNDTSPGSPRHVTPQCCYGFCDLLIKLARTMNFTY  EVHLVADGKFGTQERVNNSNKKEWNGMMGELLSGQADMIVAPLTINNERAQYIEFS</p>

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KPFKYQGLTILVKKEIPRSTLDSFMQPFQ

**Purity** Greater than 85% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [GRIN1 glutamate receptor, ionotropic, N-methyl D-aspartate 1 \[ Homo sapiens \]](#)

**Official Symbol** [GRIN1](#)

**Synonyms** GRIN1; glutamate receptor, ionotropic, N-methyl D-aspartate 1; NMDAR1; glutamate [NMDA] receptor subunit zeta-1; GluN1; NMD-R1; glutamate [NMDA] receptor subunit zeta 1; N-methyl-D-aspartate receptor subunit NR1; N-methyl-D-aspartate receptor channel, subunit zeta-1; NR1; MRD8; NMDA1;

**Gene ID** [2902](#)

**mRNA Refseq** [NM\\_000832](#)

**Protein Refseq** [NP\\_000823](#)

**MIM** [138249](#)

**UniProt ID** [Q05586](#)

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