

Recombinant Human GRIN1 protein, His&Myc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GRIN1 protein(Q05586)(19-559aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-559aa
Form	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.
Molecular Mass	68.0 kDa
AA Sequence	RAACDPKIVNIGAVLSTRKHEQMFREAVNQANKRHGSWKIQLNATSVTHKPNAIQM ALSVCEDLISSQVYAILVSHPTPTNDHFTPTVSYTAGFYRIPVLGLTTRMSIYSDKSI HLSFLRTVPPYSHQSSVWFEMMRVYSWNHIILLVSDDHEGRAAQKRLETLEERES KAEKVLQFDPGTKNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYV WLVGEREISGNALRYAPDGILGLQLINGKNESAHISDAVGVAQAVHELLENITDP PRGCVGNTNIWKTGPLFKRVLMSKYADGVTGRVEFNEDGDRKFANYSIMNLQNR KLQVQGIYNGTHVIPNDRKIIWPGGETEKPRGYQMSTRLLKIVTIHQEPFVYVKPTLSD GTCKEEFTVNGDPVKKVICTGPNDTSPGSPRHVTPQCCYGFCDLLIKLARTMNFTY EVHLVADGKFGTQERVNNSNKKWNGMMGELLSGQADMIVAPLTINNERRAQYIEFS

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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 mutiple 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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