

## Recombinant Human GRIN1 protein, His-tagged

**Cat. No.** GRIN1-2993H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GRIN1 protein(Q05586)(834-938aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	834-938aa
<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>	18.0 kDa
<b>AA Sequence</b>	IAYKRHKDARRKQMLAFAAVNVWRKNLQDRKSGRAEPDPKKKATFRAITSTLASS FKRRRSSKDTSTGGGRGALQNQKDTVLPRAIEREEGQLQLCSRHRES
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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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

<b>Gene Name</b>	GRIN1 glutamate receptor, ionotropic, N-methyl D-aspartate 1 [ Homo sapiens ]
<b>Official Symbol</b>	GRIN1
<b>Synonyms</b>	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;
<b>Gene ID</b>	2902
<b>mRNA Refseq</b>	NM_000832
<b>Protein Refseq</b>	NP_000823
<b>MIM</b>	138249
<b>UniProt ID</b>	Q05586

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