

Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 1 Recombinant Protein | GRIN1 recombinant protein

Recombinant Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 1 (GRIN1)

CATALOG # AAA150272	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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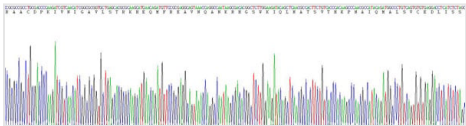
PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; N-Methyl-D-Aspartate 1; Recombinant Glutamate Receptor; N-Methyl-D-Aspartate 1 (GRIN1); NMDA1; NMDAR1; NR1; Glutamate [NMDA] receptor subunit zeta-1; N-methyl-D-aspartate receptor subunit NR1; GRIN1 recombinant protein

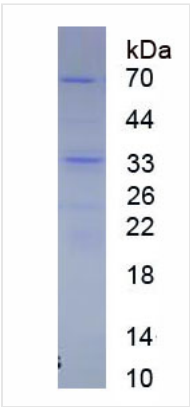
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Arg19~Gln559
Sequence Length	938
Applicable Applications for GRIN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Rat
Tag	N-terminal His Tag
Isoelectric Point	8
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GRIN1 recombinant protein	Neuro science
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11038637
NCBI GeneID	2902
NCBI GenBank Nucleotide #	NP_015566.1
UniProt Accession #	Q05586
Molecular Weight	Predicted Molecular Mass: 64.3kDa Accurate Molecular Mass: 65kDa, 34kDa
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 1 isoform GluN1-1a
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 1
NCBI Official Symbol	GRIN1
NCBI Official Synonym Symbols	NR1; MRD8; GluN1; NMDA1; NDHMSD; NDHMSR; NMD-R1; NMDAR1
NCBI Protein Information	glutamate receptor ionotropic, NMDA 1
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 1
UniProt Gene Name	GRIN1
UniProt Synonym Gene Names	NMDAR1; GluN1; NMD-R1
UniProt Entry Name	NMDZ1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/grin1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150272>