

Glutamate [NMDA] receptor subunit epsilon-1 Recombinant Protein | GRIN2A recombinant protein

Recombinant Human Glutamate [NMDA] receptor subunit epsilon-1

CATALOG # AAA116135	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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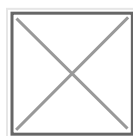
PRODUCT SYNONYMS

Glutamate [NMDA] receptor subunit epsilon-1; Recombinant Human Glutamate [NMDA] receptor subunit epsilon-1; N-methyl D-aspartate receptor subtype 2A; NMDAR2A; NR2A; hNR2A; GRIN2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	501-550aa & 601-630aa & 701-750aa; Partial
Sequence	VYQRAVMAVG SLTINEERSE VVDFSVPFVE TGISMVSRS NGTVSPSAFL IGKAIWLLWG LVFNNSVPVQ NPKGTTSKIM MHQYMTKFNQ KGVEDALVSL KTGKLDIFIY DAAVLNYKAG RDEGCKLVTI
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GRIN2A recombinant protein	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.
Product Categories/Family for GRIN2A recombinant protein	Transport

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504125
NCBI GeneID	2903
NCBI Accession #	NP_000824.1

NCBI GenBank Nucleotide #	NM_000833.4
UniProt Accession #	Q12879 ; O00669 ; Q17RZ6
Molecular Weight	18.2 kDa
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2A isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2A
NCBI Official Symbol	GRIN2A
NCBI Official Synonym Symbols	LKS; EPND; FESD; NR2A; GluN2A; NMDAR2A
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2A
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2A
UniProt Gene Name	GRIN2A
UniProt Synonym Gene Names	NMDAR2A; GluN2A; NMDAR2A; NR2A; hNR2A
UniProt Entry Name	NMDE1_HUMAN

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