

Glutamate Receptor Recombinant Protein | GRIN2A recombinant protein

Recombinant Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2A (GRIN2A)

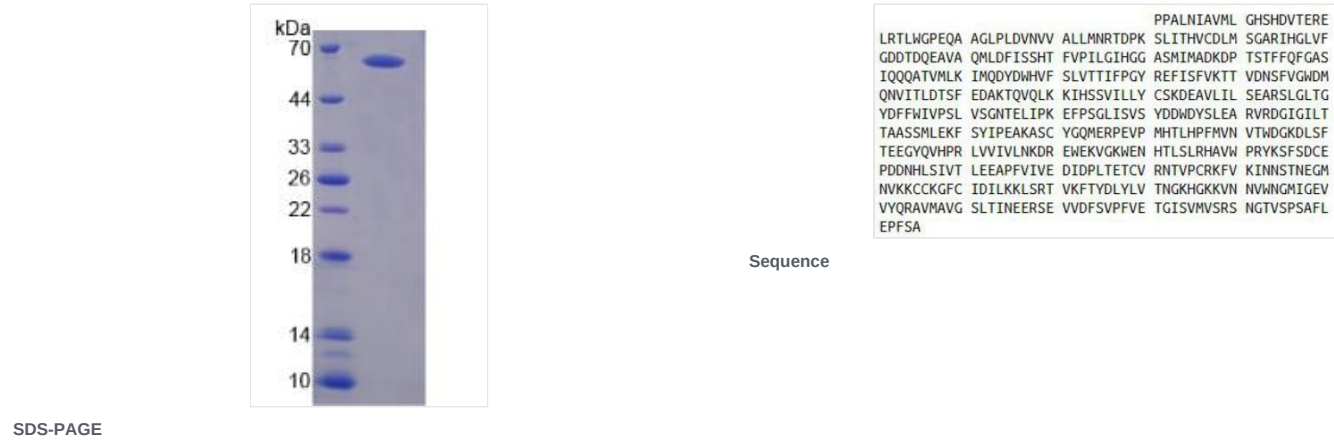
CATALOG # AAA143962	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutamate Receptor; Recombinant Glutamate Receptor; Ionotropic; N-Methyl-D-Aspartate 2A (GRIN2A); GRIN2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GRIN2A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro31~Ala555
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°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.



NCBI AND UNIPROT INFORMATION

NCBI GI #	4154321
NCBI GeneID	2897
Molecular Weight	Predicted Molecular Mass: 62.5kDa Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	glutamate receptor, partial
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, kainate 1
NCBI Official Symbol	GRIK1
NCBI Official Synonym Symbols	EAA3; EEA3; GLR5; GLUR5; GluK1
NCBI Protein Information	glutamate receptor ionotropic, kainate 1
UniProt Protein Name	Glutamate receptor ionotropic, kainate 1
UniProt Gene Name	GRIK1
UniProt Synonym Gene Names	GLUR5; GluK1; EAA3; GluR-5; GluR5
UniProt Entry Name	GRIK1_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/grik1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143962>