

Glutamate Receptor Recombinant Protein | GRIA2 recombinant protein

Recombinant Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2)

CATALOG # AAA144083	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutamate Receptor; Recombinant Glutamate Receptor; Ionotropic; AMPA 2 (GRIA2); GRIA2 recombinant protein

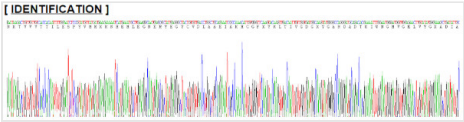
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GRIA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn413~Lys527
Tags	N-terminal His Tag
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	7.4
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 degree C for one month. Aliquot and store at -80 degree 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 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

Identification

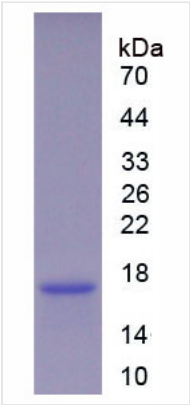
[IDENTIFICATION]



Sequence

NKTVVVT ILESPYVMK KNHEMLEGNE RYEGYCVOLA
AEIAKHCGFK YKLTIVGDGK YGARDADTKI WNGMVGELVY GKADIAIAPL
TITLVREEVI DFSKPFMSLG ISIMIKK

SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	4154321
NCBI GeneID	2897
Molecular Weight	Predicted Molecular Mass: 16.5KDa Accurate Molecular Mass: 17KDa 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.