

Glutamate Receptor, Ionotropic, AMPA 4 (GRIA4) Recombinant Protein | GRIA4 recombinant protein

Recombinant Glutamate Receptor, Ionotropic, AMPA 4 (GRIA4)

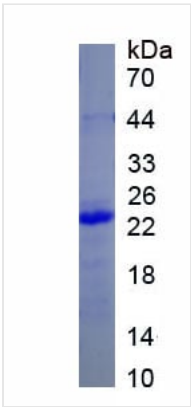
CATALOG # AAA152168	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; AMPA 4 (GRIA4); Recombinant Glutamate Receptor; GRIA4/Glutamate Receptor; AMPA 4; GLUR4; GLUR4C; GLURD; AMPA-selective glutamate receptor 4; GRIA4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Arg385~Pro 542
Applicable Applications for GRIA4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.2
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Sequence

RKVGYNDMDKLVLIQDVPTLGNDAIAENRTVWTTIMESPVVYKNIHERFEGNDKYEYGVCLASEIAKHIGIKYKIAIVPDGY
GARDADTKINMGVGLVYGAETAIAPLTITLVREEVIDFSKPFNSLGISIMIKPKQSKPGVFSFLDP

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GRIA4 recombinant protein	Neuro science; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164419734
NCBI GeneID	2893
NCBI Accession #	NP_000820.3
NCBI GenBank Nucleotide #	NM_000829.3
UniProt Accession #	P48058; Q86XE8
Molecular Weight	100,871 Da
NCBI Official Full Name	glutamate receptor 4 isoform 1
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, AMPA 4
NCBI Official Symbol	GRIA4
NCBI Official Synonym Symbols	GLUR4; GLURD; GluA4; GLUR4C
NCBI Protein Information	glutamate receptor 4; gluR-4; gluR-D; AMPA-selective glutamate receptor 4; glutamate receptor, ionotropic, AMPA 4
UniProt Protein Name	Glutamate receptor 4
UniProt Gene Name	GRIA4
UniProt Synonym Gene Names	GLUR4; GluR-4; GluR4; GluA4
UniProt Entry Name	GRIA4_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.