

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	GRIA3
Synonyms	GLUR-C, GLUR-K3, GLUR3, GLURC, GluA3, MRX94, MRXSW
Description	Human GRIA3-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P42263
Expression Host	HEK293
Protein Families	Ion Channels: Glutamate Receptors
Protein Pathways	N/A
Molecular Weight	The human full length GRIA3-Strep protein has a MW of 101.2 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing at this locus results in different isoforms, which may vary in their signal transduction properties. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

