

## **PRODUCT INFORMATION**

C-Flag Tag Tag **Target** GRIK3

**Synonyms** EAA5, GLR7, GLUR7, GluK3, GluR7a

Human GRIK3 full length protein-synthetic **Description** 

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q13003 **Expression Host HEK293** 

**Protein Families** Ion Channels: Glutamate Receptors

**Protein Pathways** 

**Background** 

The human full length GRIK3 protein has a MW of **Molecular Weight** 

104kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

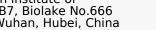
Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalían brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded

by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of

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delirium tremens in alcoholics. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated



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