

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target GRIK4

Synonyms EAA1, GRIK, GluK4, GluK4-2, KA1

Human GRIK4-Strep full length protein-synthetic **Description**

nanodisc

Delivery 6~8weeks **Uniprot ID** Q16099 **Expression Host HEK293**

Protein Families Ion Channels: Glutamate Receptors

Protein Pathways N/A

Formulation &

Reconstitution

Storage & Shipping

Background

The human full length GRIK4-Strep protein has a **Molecular Weight**

MW of 107.2 kDa

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. Store at -20°C to -80°C for 12 months in

Lyophilized from nanodisc solubilization buffer (20

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

témperature.

This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate

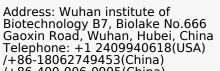
functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels

with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for

this gene. [provided by RefSeq, Sep 2013]

Usage Research use only

Conjugate Unconjugated



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