

PRODUCT INFORMATION

Tag	Warning: Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 C-Flag&Strep Tag
Target	GRIK4
Synonyms	EAA1, GRIK, GluK4, GluK4-2, KA1
Description	Human GRIK4-Strep full length protein-synthetic nanodisc
Delivery	6-8weeks
Uniprot ID	Q16099
Expression Host	HEK293
Protein Families	Ion Channels: Glutamate Receptors
Protein Pathways	N/A
Molecular Weight	The human full length GRIK4-Strep protein has a MW of 107.2 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 of reconstitution.
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	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

