Cat. No. FLP120676



PRODUCT INFORMATION

C-Flag&Strep Tag Tag

KCIP2 **Target Synonyms** KCHIP2

Human KCIP2-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q9NS61 **Expression Host HEK293**

Protein Families Ion Channels: Other

Protein Pathways N/A

Background

The human full length KCIP2-Strep protein has a **Molecular Weight**

MW of 30.9 kDa

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

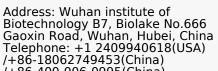
intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N terminus. They are differ from each other in the N-terminus. They are integral subunit components of native Kv4

channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated



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