

Datasheet for ABIN7597046

KCNIP2 Protein (DYKDDDDK Tag, Strep Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	KCNIP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This KCNIP2 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human KCIP2-Strep full length protein-synthetic nanodisc
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Target Details

Target:	KCNIP2
Alternative Name:	KCIP2 (KCNIP2 Products)
Background:	<p>KCHIP2</p> <p>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 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</p>

Target Details

	encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]
Molecular Weight:	The human full length KCIP2-Strep protein has a MW of 30.9 kDa
UniProt:	Q9NS61

Application Details

Comment:	<p>Advantages:</p> <ul style="list-style-type: none">• Highly purified membrane proteins• High solubility in aqueous solutions• High stability• Proteins are in a native membrane environment and remain biologically active• No detergent and can be used for cell-based assays• No MSP backbone proteins• Mammalian cell expression system ensures post- translational modifications
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	<p>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).</p> <p>Lyophilized proteins are shipped at ambient temperature.</p>
Expiry Date:	12 months