Nanodisc Human KCMB1 Protein

HDFP546

Product Information

Product SKU:	HDFP546	**Expression Host**:	HEK293	**Size**:	10µg
Target:	KCMB1	**Tag**:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	**Uniprot ID:**	Q16558
Molecular Weight:	The human full length KCMB1 protein has a MW of 21.8kDa		

Protein Information

Background:	MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the product of this gene, the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. [provided by RefSeq, Jul 2008]
Synonyms:	BKbeta1, K(VCA)beta, SLO-BETA, hbeta1, hslo-beta, k(VCA)beta-1, slo-beta-1
Protein Description:	Human KCMB1 full length protein-synthetic nanodisc
Formulation:	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. 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.
Protein Pathways:	-
Protein Families:	Ion Channels: Other.
Usage:	Research use only

Contact Details | Dublin, Ireland
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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.

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