

HDFP1297

Product Information

Product SKU:	HDFP1297	Expression Host:	HEK293	Size:	10µg
Target:	KCMB3	Tag:	C-Flag&Strep Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	Q9NPA1
Molecular Weight:	The human full length KCMB3-Strep protein has a MW of 31.6 kDa		

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 modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which may partially inactivate or slightly decrease the activation time of MaxiK alpha subunit currents. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 22. [provided by RefSeq, Jul 2009]

Synonyms: BKBETA3, HBETA3, K(VCA)BETA-3, KCNMB2, KCNMBL, SLO-BETA-3, SLOBETA3

Protein Description: Human KCMB3-Strep 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

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.

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.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.