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KCNMB2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21356b

Specification

KCNMB2 Blocking Peptide (C-term) - Product Information

Primary Accession Q9Y691

KCNMB2 Blocking Peptide (C-term) - Additional Information

Gene ID 10242

Other Names
Calcium-activated potassium channel subunit beta-2, BK channel subunit beta-2, BKbeta2, Hbeta2, Calcium-activated potassium channel, subfamily M subunit beta-2, Charybdotoxin receptor subunit beta-2, Hbeta3, K(VCA)beta-2, Maxi K channel subunit beta-2, Slo-beta-2, KCNMB2

Target/Specificity
The synthetic peptide sequence is selected from aa 174-189 of HUMAN KCNMB2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KCNMB2 Blocking Peptide (C-term) - Protein Information

Name KCNMB2

Function
Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates the calcium sensitivity and gating kinetics of KCNMA1, thereby contributing to KCNMA1 channel diversity. Acts as a negative regulator that confers rapid and complete inactivation of KCNMA1 channel complex. May participate in KCNMA1 inactivation in chromaffin cells of the adrenal gland or in hippocampal CA1 neurons.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Expressed in kidney, heart and brain. Highly expressed in ovary. Expressed at low level in other tissues

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KCNMB2 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

KCNMB2 Blocking Peptide (C-term) - Images

KCNMB2 Blocking Peptide (C-term) - Background

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KCNMB2 Blocking Peptide (C-term) - References

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