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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KCNA1 (Human) Recombinant Protein

Catalog Number: P8942

Regulation Status: For research use only (RUO)

Product Description: Human KCNA1 (P21741) recombinant protein with His

Sequence:
MKHHHHHHHMKKKDKVKKGGPGSECAEWAWGPCTP SSKDCGVGFREGTCGAQTQRIRCRVPCNWKKEFGAD CKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQE TIRVTKPCTPKTKAKAKAKKGKGKD.

Host: Escherichia coli

Theoretical MW (kDa): 14.6

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 95% by SDS PAGE

Storage Buffer: Lyophilized from 0.1M NaCl, pH 7.2.

Storage Instruction: Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Entrez GeneID: 3736

Gene Symbol: KCNA1

Gene Alias: AEMK, EA1, HBK1, HUK1, KV1.1, MBK1, MGC126782, MGC138385, MK1, RBK1

Gene Summary: This gene encodes a voltage-gated delayed potassium channel that is phylogenetically related to the Drosophila Shaker channel. The encoded protein has six putative transmembrane segments (S1-S6), and the loop between S5 and S6 forms the pore and contains the conserved selectivity filter motif (GYGD). The functional channel is a homotetramer. The N-terminus of the channel is associated with beta subunits that can modify the inactivation properties of the channel as well as affect expression levels. The C-terminus of the channel is complexed to a PDZ domain protein that is responsible for channel targeting. Mutations in this gene have been associated with myokymia with periodic ataxia (AEMK). [provided by RefSeq]