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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KCNH6 (Human) Recombinant Protein (P01)

Catalog Number: H00081033-P01

Regulation Status: For research use only (RUO)

Product Description: Human KCNH6 full-length ORF (AAH06334, 1 a.a. - 502 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPVRRGHVAPQNTYLDTIIRKFEGQSRKFLIANAQMEN
CAIICYNDGFCELFYYSRVEVMQQPCTCDFLTGPNTP
SSAVSRLAQALLGAECKVDILYYRKDASSFRCLVDVV
PVKNEDGAVIMFILNFEDLAQLLAKCSSRSLSQLLSQ
SFLGSESGSHGRPGGPGPTGRGKYRTISQIPQFTLNF
VEFNLEKHRSSSTTEIEIAPHKVVVERTQNVTEKVTQVL
SLGADVLPEYKLAAPRIHRWTLHYSPFKAVWDWLILL
LVIYTAVFTPYSAAFLSDQDESRRGACSYTCSPLTVV
DLIVDIMFVVDIVINFRTTYVNTNDEVVSHPRRIAVHYFK
GWFLIDMVAAPFDLLIFRTGSDTTTTLIGLLKTARLLRL
VRVARKLDRYSEYGA AVL FLLMCTFALIAHWLACIWYA
IGNVERPYLEHKIGWLDLGLVQLGKRYNGSDPASGPS
VQDKYVTALYFTFSSLTSVGFVGNVSPNTNSEKVFSICV
MLIGCE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.96

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

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

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 81033

Gene Symbol: KCNH6

Gene Alias: ERG2, HERG2, Kv11.2

Gene Summary: Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. Several alternatively spliced transcript variants have been identified from this gene, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq]