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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KCNJ6 (Human) Recombinant Protein (P01)

Catalog Number: H00003763-P01

Regulation Status: For research use only (RUO)

Product Description: Human KCNJ6 full-length ORF (NP_002231.1, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAKLTESMTNVLEGDSMDQDVESPVAIHQPKLPKQAR
DDLPRHISRDRTRKRKIQRVVRKDGKCNVHHGNVRETY
RYLTDIFTTLVLDLKWRFNLLIFVMVYTVTWLFFGMIWW
LIAYIRGDMDHIEDPSWTPCVTNLNGFVSAFLSIETET
TIGYGYRVITDKCPEGIILLIQLSVLGSIVNAFMVGC MFV
KISQPKKRAETLVFSTHAVISMRDGLCLMFRVGD LRN
SHIVEASIRAKLIKSKQTSEGEFIPLNQTDINVGYYTGD
DRLFLVSPLIISHEINQQSPFWEISKAQLPKEELEIVILE
GMVEATGMTQCQARSSYITSEILWGYRFTPVL TLEDGF
YEV DYN SFHETYETSTPSLSAKELAE LASRAELPLSWS
VSSKLNQHAETE EEEEEKNLEEQT ERNGDVANLENES
KV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.9

Interspecies Antigen Sequence: Mouse (99); Rat (99)

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: 3763

Gene Symbol: KCNJ6

Gene Alias: BIR1, GIRK2, KATP2, KCNJ7, KIR3.2, MGC126596, hiGIRK2

Gene Summary: Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and may be involved in the regulation of insulin secretion by glucose. It associates with two other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq]