

Recombinant Human KCNJ6 protein, His-tagged

Cat. No. KCNJ6-6754H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ6 protein(351-423 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	351-423 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	YNSFHETYETSTPSSAKELAE LASRAELPLSWSVSSKLNQHAELETEEEEEKNLEEQ TERNGDVANLENESKV
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name KCNJ6 potassium inwardly-rectifying channel, subfamily J, member 6 [Homo sapiens]

Official Symbol KCNJ6

Synonyms KCNJ6; potassium inwardly-rectifying channel, subfamily J, member 6; KCNJ7; G protein-activated inward rectifier potassium channel 2; BIR1; GIRK2; hiGIRK2; KATP2; Kir3.2; inward rectifier K(+) channel Kir3.2; inward rectifier potassium channel KIR3.2; potassium channel, inwardly rectifying subfamily J member 6; GIRK-2; KATP-2; KIR3.2; MGC126596;

mRNA Refseq [NM_002240](#)

Protein Refseq [NP_002231](#)

MIM [600877](#)

UniProt ID [P48051](#)

Gene ID [3763](#)

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SDS-PAGE



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