

Recombinant Human KCNJ4 protein, His-tagged

Cat. No. KCNJ4-8789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ4 protein(341-445 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	341-445 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	KCNJ4
Synonyms	KCNJ4; potassium inwardly-rectifying channel, subfamily J, member 4; inward rectifier potassium channel 4; HIR; hIRK2; HRK1; IRK3; Kir2.3; inward rectifier K ⁺ channel

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Kir2.3; inward rectifier K(+) channel Kir2.3; hippocampal inward rectifier potassium channel; potassium channel, inwardly rectifying subfamily J member 4; HIRK2; IRK-3; MGC142066; MGC142068;

Gene ID [3761](#)

mRNA Refseq [NM_004981](#)

Protein Refseq [NP_004972](#)

MIM [600504](#)

UniProt ID [P48050](#)

SDS-PAGE

