

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 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<sup>+</sup> 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



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