

## Recombinant Human KCNJ3 protein, His-tagged

**Cat. No.** KCNJ3-51H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNJ3 protein(147-501aa), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	147-501aa
<b>Form</b>	The protein was expressed as 6xHis-tagged fusion protein by E.Coli and purified by Ni-sepharose. The purified protein was resolved in PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4 ) added with 15% glycerol. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	GYRYITDKCPEGIILFLFQSILGSIVDAFLIGCMFIKMSQPCKKRAETLMFSEHAVISM RD GKLTLMFRVGNLRNSHMVSAQIRCKLLKSRQTPEGEFLPLDQLELDVGFSTGADQL FLVSPLTIRHVIDAKSPFYDLSQRSMQTKQFEIVILEGIVETTGMTQCARTSYTEDEV LWGHRRFFPVISLEEGFFKVDYSQFHATFEVPTPPYSVKEQEEMLLMSSPLIAPAITNS KERHNSVECLDGLDDITTKLPSKLQKITGREDFPKLLRMSSTTSEKAYSLGDLPMKL QRISSVPGNSEEKLVSKTTKMLSDPMSQSVADLPPKLQKMAGGAARMEGNLPAKLR KMNSDRFT
<b>Storage</b>	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	KCNJ3 potassium inwardly-rectifying channel, subfamily J, member 3 [ Homo sapiens ]
<b>Official Symbol</b>	KCNJ3
<b>Synonyms</b>	KCNJ3; potassium inwardly-rectifying channel, subfamily J, member 3; G protein-activated inward rectifier potassium channel 1; GIRK1; KGA; Kir3.1; GIRK-1; inward rectifier K+ channel KIR3.1; inward rectifier K(+) channel Kir3.1; potassium channel, inwardly rectifying subfamily J member 3; KIR3.1
<b>Gene ID</b>	3760
<b>mRNA Refseq</b>	NM_002239
<b>Protein Refseq</b>	NP_002230
<b>MIM</b>	601534
<b>UniProt ID</b>	P48549

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