

## Recombinant Mouse Kcnj1, His-tagged

**Cat. No.** Kcnj1-3754M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	ATP-sensitive inward rectifier potassium channel 1 (Kcnj1)
<b>Species</b>	Mouse
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	372
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Kcnj1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** [Kcnj1 potassium inwardly-rectifying channel, subfamily J, member 1 \[ Mus musculus \]](#)

**Official Symbol** [Kcnj1](#)

**Synonyms** KCNJ1; potassium inwardly-rectifying channel, subfamily J, member 1; ATP-sensitive inward rectifier potassium channel 1; inward rectifier K(+) channel Kir1.1; ATP-regulated potassium channel ROM-K; inwardly rectifying potassium channel ROMK-2; potassium channel, inwardly rectifying subfamily J member 1; ROMK; Romk2; Kir1.1;

**Gene ID** [56379](#)

**mRNA Refseq** [NM\\_001168354](#)

**Protein Refseq** [NP\\_001161826](#)

**Chromosome Location** 9 A4; 9

**Pathway** Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Gastric acid secretion, organism-specific biosystem; Gastric acid secretion, conserved biosystem;

**Function** ATP binding; ATP-activated inward rectifier potassium channel activity; inward rectifier potassium channel activity; ion channel activity; nucleotide binding; peptide binding; potassium ion binding; voltage-gated ion channel activity;

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