

Recombinant Rat Kcnj11, His-tagged

Cat. No. Kcnj11-3756R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-sensitive inward rectifier potassium channel 11 (Kcnj11)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	390
Description	an ATP-sensitive K ⁺ channel .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Kcnj11 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.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Kcnj11 potassium inwardly rectifying channel, subfamily J, member 11 [<i>Rattus norvegicus</i>]
Official Symbol	Kcnj11
Synonyms	KCNJ11; potassium inwardly rectifying channel, subfamily J, member 11; ATP-sensitive inward rectifier potassium channel 11; BIR; inward rectifier K(+) channel Kir6.2; potassium inwardly-rectifying channel subfamily J member 11; potassium channel, inwardly rectifying subfamily J member 11; Kir6.2;
Gene ID	83535
mRNA Refseq	NM_031358
Protein Refseq	NP_112648
Chromosome Location	1q22
Pathway	Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Regulation of Insulin Secretion, organism-specific biosystem; Type II diabetes mellitus, organism-specific biosystem; Type II diabetes mellitus, conser
Function	ATP binding; ATP binding; ATP-activated inward rectifier potassium channel activity; ATP-activated inward rectifier potassium channel activity; ATP-activated inward rectifier potassium channel activity; heat shock protein binding; protein C-terminus

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binding; voltage-gated ion channel activity;

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