Recombinant Full Length Rat G Protein-Activated Inward Rectifier Potassium Channel 3(Kcnj9) Protein, His-Tagged

Cat. No. RFL3965RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat G protein-activated inward rectifier potassium channel 3(Kcnj9) Protein (Q63511) (1-393aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-393)
Form	Lyophilized powder
AA Sequence	MAQENAAFSPGSEEPPRRRGRQRYVEKDGRCNVQQGNVRETYRYLTDLFTTLVDL QWRLS LLFFVLAYALTWLFFGAIWWLIAYGRGDLEHLEDTAWTPCVNNLNGFVAAF LFSIETETT IGYGHRVITDQCPEGIVLLLLQAILGSMVNAFMVGCMFVKISQPNKRAAT LVFSSHAVVS LRDGRLCLMFRVGDLRSSHIVEASIRAKLIRSRQTLEGEFIPLHQTDL SVGFDTGDDRLF LVSPLVISHEIDAASPFWEASRRALERDDFEIVVILEGMVEATGM TCQARSSYLVDEVLW GHRFTSVLTLEDGFYEVDYASFHETFEVPTPSCSARELAEA AARLDAHLYWSIPSRLDEK VEEEGAGEGAGAGDGADKEQNGCLPPPESESKV
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Kcnj9
Synonyms	Kcnj9; Girk3; G protein-activated inward rectifier potassium channel 3; GIRK-3; Inward rectifier K(+ channel Kir3.3; Potassium channel, inwardly rectifying subfamily J member 9
UniProt ID	Q63511

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