

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

Cat. No. RFL31592HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human G protein-activated inward rectifier potassium channel 3(KCNJ9) Protein (Q92806) (1-393aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-393)

Form Lyophilized powder

AA Sequence

MAQENAAFSPGQEEPPRRRRGRQRYVEKDGRGNVQQGNVRETYRYLTDLFTTLVDL
 QWRLS LFFVLAYALTWLFEGAIWWLIAYGRGDLEHLEDTAWTPCVNNLNGFVAAF
 LFSIETETT IGYGHRVITDQCPEGIVLLLLQAILGSMVNAFMVGC MFVKISQPNKRAAT
 LVFSSHAVVS LRDGRLCLMFRVGD LRSSHIVEASIRAKLIRSRQTLEGEFIPLHQTDL
 SVGFDTGDDRLF LVSPVISHEIDAASPFWEASRRALERDDFEIVVILEGMVEATGM
 TCQARSSYLVDLWV GHRFTSVLTLEDGFYEVDYASFHETFEVPTPSCSARELAEA
 AARLDAHLYWSIPSRLDEK VEEGAGEGAGGEAGADKEQNGCLPPPESESKV

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

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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GENE INFORMATION

Gene Name	KCNJ9
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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
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UniProt ID	Q92806
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