

Recombinant Full Length Mouse Atp-Sensitive Inward Rectifier Potassium Channel 11(Kcnj11) Protein, His-Tagged

Cat. No. RFL25622MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse ATP-sensitive inward rectifier potassium channel 11(Kcnj11) Protein (Q61743) (1-390aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-390)

Form Lyophilized powder

AA Sequence

MLSRKGIPEEYVLTRLAEDPAEPRYRTRERRARFVSKKGNCNVAHKNIREQGRFLQ
 DVF TTLVDLKWPHTLLIFTMSFLCSWLLFAMVWWLIAFAHGDLPAGEGTVNVCVTSI
 HSFSSA FLFSIEVQVTIGFGGRMVTEECPLAILILIVQNIVGLMINAIMLGCIFMKTAQA
 HRRRAET LIFSKHAVITLRHGRLCFMLRVGDLRKSMIISATIHMQVVRKTTSPERGEVVP
 LHQVDIPM ENGVGGNGIFLVAPLIYHVIDSNSPLYDLAPSDLHHHQDLEIIVILEGVVE
 TTGITTA RTSYLADEILWGQRFVPIVAEEDGRYSVDYSKFGNTIKVPTPLCTARQLD
 EDRSLLDALT LASSRGPLRKRSVAVAKAKPKFSISPDLS

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	Kcnj11
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Synonyms	Kcnj11; ATP-sensitive inward rectifier potassium channel 11; Inward rectifier K(+) channel Kir6.2; Potassium channel, inwardly rectifying subfamily J member 11
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UniProt ID	Q61743
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