

Recombinant Full Length Mouse Inward Rectifier Potassium Channel 4(Kcnj4) Protein, His-Tagged

Cat. No. RFL22613MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Inward rectifier potassium channel 4(Kcnj4) Protein (P52189) (1-445aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-445)
Form	Lyophilized powder
AA Sequence	MHGHNRNGQAHVPRRKRRNR FVKKNGQCNVYFANLSNKSQRYMADIFTTCVDTR WRYMLM IFSA AFLVSWLFFGLLFWWIAFFHGDLEASPSVPAVGGPGGNGGESPNA PKPCIMHVNGF LGAF LFSVETQTTIGYGFR CVTEECPLAVIAVVVQSIVGCVIDSFMI GTIMAKMARPKKR AQTL LFSHHAVISVRDGKLC LMWRVGNLRKSHIVEAHVRAQLIK PYMTQEGEYLPLDQRD LNVGYDIGLDRIFLVSP IIIVHEIDEDSPLYGMGKEELED FEIVVILEGMVEATAMTT QARSSYLASEILWGHRFEPVVFE EKSHYKVDYSRFHKTY EVAGTPCCSARELQESKITVL PAPPPPPSAFCYENELALMSQEEEEEMEEEEAAAAA VAAGLGLEAGSKEEAGIIRMLEFGS HLDLERMQAATLPLDNISYRRESRI
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Kcnj4
Synonyms	Kcnj4; Irk3; Inward rectifier potassium channel 4; Inward rectifier K(+) channel Kir2.3; IRK-3; Potassium channel, inwardly rectifying subfamily J member 4
UniProt ID	P52189

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