

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

Cat. No. RFL12045MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mesocricetus auratus Inward rectifier potassium channel 4(KCNJ4) Protein (Q64198) (1-444aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mesocricetus auratus
Source	E.coli
ProteinLength	Full Length (1-444)
Form	Lyophilized powder
AA Sequence	MHGHNRNGQAHVPRRKRRNRFFVKKNGQCNVYFANLSNKSQRYMADIFTTCVDTR WRYMLM LFSAAFLVSWLFFGLLFWCIAFFHGDLEASPSVPAAGAPGGNGGAAPAA PKPCIMHVNGF LGAFILSVETQTTIGYGFRCTEECP LAVIAVVVQSIVGCVIDSFMI GTIMAKMARPKKR AQTLFSSHAVISVRDGLCLMWRVGNLRKSHIVEAHVRAQLIK PYMTQEGEYLPLDQRD LNVGYDIGLDRIFLVSPHIVHEIDEDSPLYGMGKEELED FEIVVILEGMVEATAMTT QARSSYLASEILWGHRFEPVVFEEKSHYKVDYSRFHKTY EVAGTPCCSARELQESKITVL PAPPPPSAFCYENELALMSQEEEEEMEEEEAAAAA VAAGLGLLEAGPKKEEAGIIRMLEFGS HLDLERMQGTLPDNIYSRRESAI
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	Q64198