

Recombinant Full Length Human Atp-Sensitive Inward Rectifier Potassium Channel 15(Kcnj15) Protein, His-Tagged

Cat. No. RFL14005HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATP-sensitive inward rectifier potassium channel 15(KCNJ15) Protein (Q99712) (1-375aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-375)
Form	Lyophilized powder
AA Sequence	MDAIHIGMSSTPLVKHTAGAGLKANRPRVMSKSGHSNVRIDKVDGIYLLYLQDLWTT VID MKWRYKLTFLAATFVMTWFLFGVIYYAIAFIHGDLEPGEPISNHTPCIMKVDSL T GAFLF SLESQTTIGYGVRSITEECPHAIFLLVAQLVITTLIEIFITGTFLAKIARPKKRAET IKF SHCAVITKQNGKLCCLVIQVANMRKSLLIQCQLSGKLLQTHVTKEGERILLNQATV KFHVD SSSESPFLILPMTFYHVLDETSPLRDLTPQNLKEKEFELVLLNATVESTSAV CQSRTSY IPEEIYWGFEFVPPVVSLSKNGKYVADFSQFEQIRKSPDCTFYCADSEKQ QLEEKYRQEDQ RERELRLLLLQQSNV
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.
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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	KCNJ15
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Synonyms	KCNJ15; KCNJ14; ATP-sensitive inward rectifier potassium channel 15; Inward rectifier K(+ channel Kir1.3; Inward rectifier K(+ channel Kir4.2; Potassium channel, inwardly rectifying subfamily J member 15
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UniProt ID	Q99712
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