

Recombinant Full Length Rat Inward Rectifier Potassium Channel 13(Kcnj13) Protein, His-Tagged

Cat. No. RFL27001RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Inward rectifier potassium channel 13(Kcnj13) Protein (O70617) (1-360aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-360)
Form	Lyophilized powder
AA Sequence	MDSRNCKVNAPLLSQRYRRMVTKDGHSTLQMDGAQRGLVYLRLDAWGILMDMRWR WMMLVF SASFVVHWLVFAVLWYAVAEMNGDLEIDHDVPPENHTICVKHITSFTAAF SFSLETQLTI GYGTMFPSGDCPSAIALLAIQMLLGLMLEAFITGAFVAKIARPKNRAFS IRFTDLAVVAH KDGKPNLIFQVANTRPSPLTSVRVSAVLYQERENGELYQTSVDFHL DGISSEECPPFFIFP LTYYHTITPSSPLATLLQHETPSHFELVVFLSAMQEGTGEICQR RTSYLPSEIMLHHRFA ALMTRGSKGEYQVKMENFDKTVPEHPTPVVSKSPHRTDLD IHINGQSIDNFQIAETGLTE
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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

Kcnj13

Synonyms

Kcnj13; Inward rectifier potassium channel 13; Inward rectifier K(+ channel Kir7.1; Potassium channel, inwardly rectifying subfamily J member 13

UniProt ID

[O70617](https://www.uniprot.org/entry/O70617)

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