

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

Cat. No. RFL19487HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human Inward rectifier potassium channel 13(KCNJ13) Protein (O60928) (1-360aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-360)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MDSSNCKVIAPLLSQRYYRRMVTKDGHSTLQMDGAQRGLAYLRDAWGILMDMRWR WMMLVF SASFVVHWLVFAVLWYVLAEMNGDLELDHDAPPENHTICVKYITSFTAAF SFSLETQLTI GYGTMFPSGDCPSAIALLAIQMLLGLMLEAFITGAFVAKIARPKNRAFS IRFTDTAVVAH MDGKPNLIFQVANTRPSPLTSVRVSAVLYQERENGKLYQTSVDFHL DGISSDECPFFIFP LTYYHSITPSSPLATLLQHENPSHFELVVFLSAMQEGTGEICQR RTSYLPSEIMLHHCFA SLLTRGSKGEYQIKMENFDKTVPEFPPTPLVSKSPNRTDLDIH INGQSIDNFQISETGLTE
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

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**

[O60928](https://www.uniprot.org/entry/O60928)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA