

## Recombinant Human KCNJ10 protein(231-370 aa), C-His-tagged

**Cat. No.** KCNJ10-2809H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                   |
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| <b>Product Overview</b> | Recombinant Human KCNJ10 protein(P78508)(231-370 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 231-370 aa                                                                                                                                                                        |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | LNQVNVTFQVDTASDSPFLILPLTFYHVVDETSPLKDLPLRSGEQDFELVLILSGTVES<br>TSATCQVRTSYLP EEILWGYEFTPAISLSASGKYIADFSLFDQVVKVASPSGLRDSTV<br>RYGDPEKLEESLREQAEKEGS                               |

### GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KCNJ10 potassium inwardly-rectifying channel, subfamily J, member 10 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | KCNJ10                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | KCNJ10; potassium inwardly-rectifying channel, subfamily J, member 10; ATP-sensitive inward rectifier potassium channel 10; Kir1.2; Kir4.1; inward rectifier K <sup>+</sup> channel KIR1.2; inward rectifier K(+) channel Kir1.2; ATP-dependent inwardly rectifying potassium channel Kir4.1; potassium channel, inwardly rectifying subfamily J member 10; glial ATP-dependent inwardly rectifying potassium channel KIR4.1; KIR1.2; KIR4.1; SESAME; BIRK-10; KCNJ13-PEN; |
| <b>Gene ID</b>         | 3766                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_002241                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_002232                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>             | 602208                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | P78508                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |