

## Recombinant Human KCNK6 protein, Myc/DDK-tagged

Cat. No. KCNK6-909H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human KCNK6 protein, fused to Myc/DDK-tag at C-terminus, was expressed in human 293 cells (HEK293).                                                                                                                                                                                                |
| Species          | Human                                                                                                                                                                                                                                                                                                          |
| Source           | HEK293                                                                                                                                                                                                                                                                                                         |
| Description      | This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics. |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol                                                                                                                                                                                                                                                           |
| Molecular Mass   | 33.6 kDa                                                                                                                                                                                                                                                                                                       |
| Purity           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                     |
| Concentration    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                               |

### GENE INFORMATION

|                 |       |
|-----------------|-------|
| Gene Name       | KCNK6 |
| Official Symbol | KCNK6 |

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|                                   |                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>                   | KCNK6; potassium channel, subfamily K, member 6; potassium channel subfamily K member 6; K2p6.1; TWIK 2; K2P6.1 potassium channel; TWIK-originated similarity sequence; TWIK-originated sodium similarity sequence; inward rectifying potassium channel protein TWIK-2; TOSS; KCNK8; TWIK2; TWIK-2; FLJ12282; |
| <b>Gene ID</b>                    | 9424                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>                | NM_004823                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>             | NP_004814                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>                        | 603939                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>                 | Q9Y257                                                                                                                                                                                                                                                                                                        |
| <b>SDS-PAGE of<br/>KCNK6-909H</b> |                                                                                                                                                                                                                                                                                                               |

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