# Recombinant Full Length Human Potassium Channel Subfamily K Member 3(Kcnk3) Protein, His&Myc-Tagged

**Cat. No.** RFL18636HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Full Length Human Potassium channel subfamily K member 3(KCNK3) Protein (O14649) (1-394aa), fused to N-terminal 10xHis tag and C-terminal Myc tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Full Length (1-394aa) |
| **Form** | Lyophilized powder |
| **AA Sequence** | MKRQNVRTLALIVCTFTYLLVGAAVFDALESEPELIERQRLELRQQELRARYNLSQG GYEELERVVLRLKPHKAGVQWRFAGSFYFAITVITTIGYGHAAPSTDGGKVFCMFYA LLGIPLTLVMFQSLGERINTLVRYLLHRAKKGLGMRRADVSMANMVLIGFFSCISTLCI GAAAFSHYEHWTFFQAYYYCFITLTTIGFGDYVALQKDQALQTQPQYVAFSFVYILTG LTVIGAFLNLVVLRFMTMNAEDEKRDAEHRALLTRNGQAGGGGGGGSAHTTDTASS TAAAGGGGFRNVYAEVLHFQSMCSCLWYKSREKLQYSIPMIIPRDLSTSDTCVEQS HSSPGGGGRYSDTPSRRCLCSGAPRSAISSVSTGLHSLSTFRGLMKRRSSV Note: The complete sequence including tag sequence, target protein sequence and linker s equence could be provided upon request. |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |

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| **Applications** | SDS-PAGE |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

## GENE INFORMATION

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| **Gene Name** | KCNK3 |
| **Synonyms** | KCNK3; TASK; TASK1; Potassium channel subfamily K member 3; Acid-sensitive potassium channel protein TASK-1; TWIK-related acid-sensitive K(+ channel 1; Two pore potassium channel KT3.1; Two pore K(+ channel KT3.1 |
| **UniProt ID** | O14649 |

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