

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

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

SPECIFICATION

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
 GYEELERVVLRLLKPHKAGVQWRFAGSFYFAITVITTIGYGHAA PSTDGGKVFCMFYA
 LLGIPLTLVMFQSLGERINTLVRYLLHRAKKGLGMRRADVSMANMVLIGFFSCISTLCI
 GAAAFSHYEHWTFFQAYYYCFITLTTIGFGDYVALQKDQALQTQPQYVAFSFFVYILTG
 LTVIGAFNLVLRFMTMNAEDEKRDAEHRALLTRNGQAGGGGGGSAHTTDTASS
 TAAAGGGGFRNVYAEVLHFQSMCCLWYKSREKLQYSIPMIIPRDLSTSDTCVEQS
 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 multiple 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	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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