Recombinant Human KCNK3 Full Length Transmembrane protein, His&Myc-tagged

Cat. No. KCNK3-2382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNK3 protein(O14649)(1-394aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-394aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.5 kDa
AA Sequence	MKRQNVRTLALIVCTFTYLLVGAAVFDALESEPELIERQRLELRQQELRARYNLSQG GYEELERVVLRLKPHKAGVQWRFAGSFYFAITVITTIGYGHAAPSTDGGKVFCMFYA LLGIPLTLVMFQSLGERINTLVRYLLHRAKKGLGMRRADVSMANMVLIGFFSCISTLCI GAAAFSHYEHWTFFQAYYYCFITLTTIGFGDYVALQKDQALQTQPQYVAFSFVYILTG LTVIGAFLNLVVLRFMTMNAEDEKRDAEHRALLTRNGQAGGGGGGGSAHTTDTASS TAAAGGGGFRNVYAEVLHFQSMCSCLWYKSREKLQYSIPMIIPRDLSTSDTCVEQS HSSPGGGGRYSDTPSRRCLCSGAPRSAISSVSTGLHSLSTFRGLMKRRSSV

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	KCNK3 potassium channel, subfamily K, member 3 [Homo sapiens]
Official Symbol	KCNK3
Synonyms	KCNK3; potassium channel, subfamily K, member 3; potassium channel subfamily K member 3; K2p3.1; TASK; TASK 1; cardiac potassium channel; two pore K(+) channel KT3.1; two P domain potassium channel; two pore potassium channel KT3.1; TWIK-related acid-sensitive K+ channel; TWIK-related acid-sensitive K(+) channel 1; acid-sensitive potassium channel protein TASK; acid-sensitive potassium channel protein TASK-1; potassium inwardly-rectifying channel, subfamily K, member 3; OAT1; TBAK1; TASK-1;
Gene ID	3777
mRNA Refseq	NM_002246
Protein Refseq	NP_002237
MIM	603220

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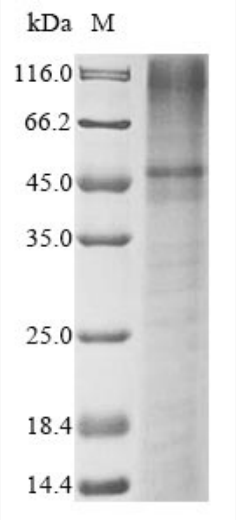
UniProt ID	O14649
SDS-PAGE	

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