

# Recombinant Full Length Human Potassium Channel Subfamily K Member 17(Kcnk17) Protein, His-Tagged

Cat. No. RFL11354HF    Lot. No. (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Human Potassium channel subfamily K member 17(KCNK17) Protein (Q96T54) (1-332aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              Full Length (1-332)

**Form**                          Lyophilized powder

**AA Sequence**

MYRPRARAAPEGRVRCVAVPSTVLLLLLAYLAYLALGTGVFWTLEGRAAQDSSRSFQ  
 RDKW ELLQNFTCLDRPALDSLIRDVVQAYKNGASLLSNTTSMGRWELVGSFFFSVS  
 TITTIGYG NLS PNTMAARLFCIFFALVGIPLNLVVLNRLGHLMQQGVNHWASRLGGT  
 WQDPDKARWLA GSGALLSGLLLFLLLPPLLFSHMEGWSYTEGFYFAFITLSTVGF  
 DYVIGMNPSQRYPLW YKNMVSLWILFGMAWLALIILKILSQLETPGRVCSCCHHSSK  
 EDFKSQSWRQGPDPREPES HSPQQGCYPEGPMGIIQHLEPSAHAAGCGKDS

**Purity**                        Greater than 90% as determined by SDS-PAGE.

**Notes**                        Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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<b>Reconstitution</b>	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.
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## GENE INFORMATION

<b>Gene Name</b>	KCNK17
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<b>Synonyms</b>	KCNK17; TALK2; TASK4; UNQ5816/PRO19634; Potassium channel subfamily K member 17; 2P domain potassium channel Talk-2; Acid-sensitive potassium channel protein TASK-4; TWIK-related acid-sensitive K(+ channel 4; TWIK-related alkaline pH-activated K(+ channel
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<b>UniProt ID</b>	<a href="#">Q96T54</a>
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