

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 GSGALLSGLLLFLLLPLLFSHMEGWSYTEGFYFAFITLSTVGFG 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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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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	KCNK17
Synonyms	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
UniProt ID	Q96T54