

Recombinant Full Length Human Potassium Channel Subfamily K Member 2(Kcnk2) Protein, His-Tagged

Cat. No. RFL35325HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Potassium channel subfamily K member 2(KCNK2) Protein (O95069) (1-426aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-426)
Form	Lyophilized powder
AA Sequence	MLPSASRERPGYRAGVAAPDLLDPKSAAQNSKPRLSFSTKPTVLASRVESDTTINVM KWK TVSTIFLVVVLVLIIGATVFKALEQPHEISQRTTIVIQKQTFISQHSCVNSTELDELI QQ IVAAINAGIIPLGNTSNQISHWDLGSSFFFAGTVITTIGFGNISPRTGGKIFCIIYAL L GIPLFGFLLAGVGDQLGTIFGKGIKVEDTFIKWNVSQTKIRIISTIIIFLFGCVLFVAL PAIFKHIEGWSALDAIYFVVITLTTIGFGDYVAGGSDIEYLDYKPVVWFVILVGLAYF AAVLSMIGDWLRVISKKTKEEVGEFRAHAAEWTANVTAEFKETRRRLSVEIYDKFQR ATS IKRKLSAELAGNHNQELTPCRRTLSVNHLT SERDVLPLLLKTESIYLNGLTPHCA GEEIA VIENIK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	KCNK2
Synonyms	hTREK 1c; hTREK 1e; K2p2.1; K2P2.1 potassium channel; KCNK 2; Kcnk2; KCNK2_HUMAN; MGC126742; MGC126744; Outward rectifying potassium channel protein TREK 1; Outward rectifying potassium channel protein TREK-1; Outward rectifying potassium channel protein
UniProt ID	O95069

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