

Recombinant Full Length Rat Potassium Channel Subfamily K Member 9(Kcnk9) Protein, His-Tagged

Cat. No. RFL32126RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Potassium channel subfamily K member 9(Kcnk9) Protein (Q9ES08) (1-396aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-396)
Form	Lyophilized powder
AA Sequence	MKRQNVRTLSLIACTFTYLLVGA AVFDALESDHEMREEEKLKAE EVRLRGKYNISSD DYQ QLELVILQSEPHRAGVQWK FAGSFYFAITVITTIGYGHAAPGTDAGKAFCMFYA VLGIPL TLVMFQSLGERMNTFVRYLLKRIKKCCGMRNTEVSMENMVTVGFFSCMGT LCLGAAAFSQ CEDWSFFHAYYYCFITLTTIGFGDFVALQSKGALQRKPFYVAFSFMY ILVGLTVIGAFLN LVVLRFLTMNTDEDLLEGEVAQILAGNPRRVVVRVPQSRKRHHP MYFLRKYGRTL CYLCF PGANWGDDDDDDDDAVENVVVTTPVPPAVAAAAAAATPG PSTRNVRATVHSVSCRVEEIP PDVLRNTYFRSPFGAIPPGMHTCGENHRLHIRR KSI
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	Kcnk9
Synonyms	Kcnk9; Task3; Potassium channel subfamily K member 9; Acid-sensitive potassium channel protein TASK-3; TWIK-related acid-sensitive K(+) channel 3; Two pore potassium channel KT3.2; Two pore K(+) channel KT3.2
UniProt ID	Q9ES08

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