

Recombinant Full Length Rat Potassium Voltage-Gated Channel Subfamily C Member 1(Kcnc1) Protein, His-Tagged

Cat. No. RFL5946RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat Potassium voltage-gated channel subfamily C member 1(Kcnc1) Protein (P25122) (1-585aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

Protein Length Full Length (1-585)

Form Lyophilized powder

AA Sequence

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MGQGDESERIVINVGGRHQRSTLRRLPGTRLAWLAEPDAHSHFDYDPRADFF
FDRH PGVFAHILNYYRTGKLHCPADVCGPLYEEELAFWIDETDVEPCCWMTYRQ
HRDAEEALD SFGGAPL DNSADDADADGPGDSDGDELEMTKRLALSDSPDGRP
GGFWRRWQPRIWALF EDPYSSRYARYVAFASLFFILVSITTFCLETHERFNPIVNT
EIENVRNGTQVRYRYREAE TEAFLTYIEGVCVWFTFEFLMRVVFCPNKVEFIKNSLNI
IDFVAILPFYLEVGLSGLSS KAAKDVGLGFLRVRFVIRILRIFKLTRHFVGLRVLGHTLR
ASTNEFLLLIIFLALGVLIFA TMIYYAERIGAQPNDPSASEHTHFKNIPIGFWWAVVTM
TTLGYGDMYPQTWGMLVGALC ALAGVLTIAMPPVIVNNFGMYSLAMAKQKLPK
KKKKHIPRPPQLGSPNYCKSVVNSPH HSTQSDTCPLAQEEILEINRADSKLNGEVAK
AALANEDCPHIDQALTPDEGLPFTRSGTR ERYGPCFLLSTGEYACPPGGGMRKDL
CKESPVIKYMPTAVRVT
    
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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
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	Kcnc1
Synonyms	Kcnc1; Potassium voltage-gated channel subfamily C member 1; NGK2; RAW2; Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4
UniProt ID	P25122

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