

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

Cat. No. RFL17253HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Potassium voltage-gated channel subfamily C member 1(KCNC1) Protein (P48547) (1-511aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-511)

Form Lyophilized powder

AA Sequence

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MGQGDESERIVINVGGRHQRSTLRSLRTPGTRLAWLAEPDAHSHFDYDPRADFF
FDRH PGVFAHILNYYRTGKLHCPADVCGPLYEEELAFWGIDETDVEPCCWMTYRQ
HRDAEEALD SFGGAPL DNSADDADADGPGDSDGDELEMTKRLALSDSPDGRP
GGFWRRWQPRIWALF EDPYSSRYARYVAFASLFFILVSITTFCLETHERFNPIVNT
EIENVRNGTQVRYREAE TEAFLTYIEGVCVWFTFEFLMRVIFCPNKVEFIKNSLNII
DFVAILPFYLEVGLSGLSS KAAKDVLGFLRVVRFVIRILRIFKLTRHFVGLRVLGH TLRA
STNEFLLLIIFLALGVLIFA TMIYYAERIGAQPNDPSASEH THFKNIPIGFWWAVVTMTT
LGYGDMYPQ TWSGMLVGALC ALAGVLT IAMPVPVIVNNFGMYSLAMAKQKLPKK
KKKHIPRPPQLGSPNYCKSVNSPH HSTQSDTCPLAQEEILEINRAGRKPLRGMSI

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

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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 multiple 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; Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4
UniProt ID	P48547

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