

Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily C Member 3(Kcnc3) Protein, His-Tagged

Cat. No. RFL18670HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Potassium voltage-gated channel subfamily C member 3(KCNC3) Protein (Q14003) (1-757aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-757)

Form Lyophilized powder

AA Sequence

MLSSVCVSSFRGRQGASKQQPAPPQPPEPPPPPLPPQQQPAQPGPAASPAG
 PPAPRG PGDRRAEPCPLPAAAMGRHGGGGGDSGKIVINVGGVRHETYRSTLRTL
 PGTRLAGLTEP EAAARFDYDPGADEFFDRHPGVFAYVLNYYRTGKLHCPADVCG
 PLFEEELGFWGIDETD VEACCWMTYRQHRDAEEALDSFEAPDPAGAANAANAAGA
 HDGGLDDEAGAGGGGLDGAGG ELKRLCFQDAGGGAGGPPGGAGGAGGTWWRR
 WQPRVWALFEDPYSSRAARYVAFASLFFI LISITTFCLETHEGFIHISNKTVTQASPIP
 GAPPENITNVEVETEPFLTYVEGVCVVWFT FEFLMRITFCPDKVEFLKSSLNIIDCVAI
 LPFYLEVGLSGLSSKAAKDVLGFLRVRFVR ILRIFKLTRHFVGLRVLGHTLRASNE
 FLLLIIFLALGVLIFATMIYYAERIGADPDDIL GSNHTYFKNIPIGFWWAVVTMTTLGYG
 DMYPKTWSGMLVGALCALAGVLTAMPVPIVN NFGMYSSLAMAKQKLPKKNKHI
 PRPPQPGSPNYCKPDPPPPPPPHHGGSGGISPPPI TPPSMGVTVAGAYPAGPH

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THPGLLRGGAGGLGIMGLPPLPAPGEPCLAQEEVIEINRAD PRPNGDPAAAALAH
 EDCPAIDQPAMSPEDKSPITPGSRGRYSRDRACFLLDYAPSPDGS IRKATGAPPLP
 PQDWRKPGPPSFLPDLNANAAAWISP

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.

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 KCNC3

Synonyms KCNC3; Potassium voltage-gated channel subfamily C member 3; KSHIID; Voltage-gated potassium channel subunit Kv3.3

UniProt ID [Q14003](https://www.uniprot.org/entry/Q14003)

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