

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

Cat. No. RFL26061MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Potassium voltage-gated channel subfamily C member 3(Kcnc3) Protein (Q63959) (1-769aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-769)

Form Lyophilized powder

AA Sequence

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MLSSVCVWSFRGRQGTGKQQPQPVPTQPPESSPPPLPPPQQQCSQPGTAASP
AVPAFL RPGGRRAEPCPLPAVAMGRHGGGGGDSGKIVINVGVRHETYRSTLRT
LPGTRLAGLTE PEAAARFDYDPGTDEFFFDRHPGVFAYVLNYYRTGKLHCPADVCG
PLFEEELGFWGIDET DVEACCWMTYRQHRDAEEALDSFEAPDSSANANANAGGAH
DAGLDDEAGAGGGGLDGAGG ELKRLCFQDAGGGAGGPAGGAGGAGGTWWRR
WQPRVWALFEDPYSSRAARYVAFASLFFI LISITTFCLETHEGFIHISNKTVTQASPIP
GAPPENITNVEVETEPFLTYVEGVCVVWFT FEFLMRVTFCPDKVEFLKSSLNIIDCVA
ILPFYLEVGLSGLSSKAAKDVLGFLRVRFVR ILRIFKLTRHFVGLRVLGHTLRASNE
FLLLIIFLALGVLIFATMIYYAERIGADPDDIL GSNHTYFKNIPIGFWWAVVTMTTLGYG
DMYPKTWSGMLVGALCALAGVLTIAMPPVPIVN NFGMYSSLAMAKQKLPKKNKHI
PRPPQPGSPNYCKPDPPPPPPPHPHHGSGGISPPPI TPPSMGVNVAGAYPPGPH
    
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THPGLLRGGAGGLGIMGLPPLPAPGEPCLAQEEVIETNRAV DPRPNGDPAAAAALA
 HEDCPAIDQPAMSPEDKSPITPGSRGRYSRDRACFLVTDYAPSPDG SIRKGYEKSR
 SLSSIVGLSGVSLRLAPLATPPGSPRATRRAPPTLPSIL

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 [Q63959](https://www.uniprot.org/entry/Q63959)

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