

Recombinant Full Length Mouse Potassium Voltage-Gated Channel Subfamily A Member 4(Kcna4) Protein, His-Tagged

Cat. No. RFL10174MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Potassium voltage-gated channel subfamily A member 4(Kcna4) Protein (Q61423) (1-654aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-654)
Form	Lyophilized powder
AA Sequence	<p>MEVAMVSAESSGCNSHMPYGYAAQARARERERLAHSRAAAAAVAATAAVEGTG GSGGG PHHHHQTRGAYSSHDPQGSRGSRRRRRQRTEKKLHHRQSSFPHCSDL MPSGSEEKILRE LSEEEDEEEEEEEEEEEGRFYSEEDHGDGCSYTDLLPQDDGG GGGYSSVRYSDCCERVV INVSLRFETQMKTLAQFPETLLGDPEKRTQYFDPLRNE YFFDRNRPSFDAILYYYQSGG RLKRPVNVPFDFITEEVKFYQLGEEALLKFREDEGF VREEEDRALPENEFKKQIWLLFEY PESSSPARGIAIVSVLVILISIVIFCLETLPEFRDD RDLIMALSAGGHSRLLNDTSAPHL ENSGHTIFNDPFFIVETVCIVWFSFEFVVRFCFAC PSQALFFKNIMNIIDIVSILPYFITL GTDLAQQQGGGNGQQQQAMSFALRIIRLVRFVFR IFKLSRHSKGLQILGHTLRASMRELG LLIFFLFIGVILFSSAVYFAEADEPTTHFQSIPD AFWWAVVTMTTVGYGDMKPITVGGKI VGSLCAIAGVLTIALPVPVIVSNFNFYHRE TENEQTQLTQNAVSCPYLPSNLLKKFRS STSSSLGDKSEYLEMEEGVKESLCGKE</p>

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EKCQKGDESETDKNNCSNAKAVETDV

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 Kcna4

Synonyms Kcna4; Potassium voltage-gated channel subfamily A member 4; Voltage-gated potassium channel subunit Kv1.4

UniProt ID [Q61423](https://www.uniprot.org/entry/Q61423)

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