

Recombinant Full Length Mouse Potassium Channel Subfamily K Member 3(Kcnk3) Protein, His-Tagged

Cat. No. RFL21865MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Potassium channel subfamily K member 3(Kcnk3) Protein (O35111) (1-409aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-409)
Form	Lyophilized powder
AA Sequence	<p>MKRQNVRTLALIVCTFTYLLVGAAVFDALESEPEMIERQRLELRQLELRARYNLSEG GYE ELERVVLRRLKPHKAGVQWRFAGSFYFAITVITTIGYGHAAPSTDGGKVFCMFYA LLGIPL TLVMFQSLGERINTFVRYLLHRAKRGLGMRHAEVSMANMVLIGFVSCISTLC IGAAAFSY YERWTFQAYYYCFITLTTIGFGDYVALQKDQALQTQPQYVAFSFVYILT GLTVIGAFLN LVVLRFMTMNAEDEKRDAEHRALLTHNGQAVGLGGLSCLSGSLGDG VRPRDPVTCAAAG GVGVGVGSGFRNVYAEVLHFQSMCSCLWYKSREKLQYSI PMIIPRDLSTSDTCVEHSHS SPGGGGRYSDTPSHPCCLSGTQRSAISSVSTGLHSL AAFRGLMKRRSSV</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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	Kcnk3
Synonyms	Kcnk3; Ctba3; Task; Task1; Potassium channel subfamily K member 3; Acid-sensitive potassium channel protein TASK-1; Cardiac two pore background K(+ channel; TWIK-related acid-sensitive K(+ channel 1; Two pore potassium channel KT3.1; Two pore K(+ channel
UniProt ID	O35111

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