

Recombinant Full Length Human Potassium Channel Subfamily K Member 13(Kcnk13) Protein, His-Tagged

Cat. No. RFL12856HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Potassium channel subfamily K member 13(KCNK13) Protein (Q9HB14) (1-408aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-408aa)

Form Lyophilized powder

AA Sequence

MAGRGSWGPGLNEDNARFLLLAALIVLYLLGGAAVFSALELAHERQAKQRWEER
 LANFSRGHNLSRDELRGFLRHYYEATRAGIRVDNVRPRWDFTGAFYFVGTVVSTIG
 FGMTTPATVGGKIFLIFYGLVGCSSSTILFFNFLFLERLITIIAYIMKSCHQRQLRRRGALP
 QESLKDAGQCEVDSLAWKPSVYYVMLILCTASILISCCASAMYTPIEGWSYFDSLY
 FCFVAFSTIGFDLVSSQNAHYESQGLYRFANFVILMGVCCYISLNFVISILIKQSLN
 WILRKMDSGCCPQCQRGLLRSRNVVMPGSVRNRCNISIEDGVAESDTDGRRLS
 GEMISMKDLLAANKASLAILKQLSEMANGCPHQTSTLARDNEFSGGVGAFAIMNN
 RLAETSGDR Note: The complete sequence including tag sequence, target protein s
 equence and linker sequence could be provided upon request.

Purity Greater than 90% as determined by 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	KCNK13
Synonyms	(Tandem pore domain halothane-inhibited potassium channel 1)(THIK-1)
UniProt ID	Q9HB14

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