

Recombinant Human KCNK3 protein, His-tagged

Cat. No. KCNK3-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNK3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	16.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	KCNK3
Official Symbol	KCNK3
Synonyms	KCNK3; potassium channel, subfamily K, member 3; potassium channel subfamily K member 3; K2p3.1; TASK; TASK 1; cardiac potassium channel; two pore K(+) channel KT3.1; two P domain potassium channel; two pore potassium channel KT3.1; TWIK-related acid-sensitive K ⁺ channel; TWIK-related acid-sensitive K(+) channel 1; acid-sensitive potassium channel protein TASK; acid-sensitive potassium channel protein TASK-1; potassium inwardly-rectifying channel, subfamily K, member 3; OAT1; TBAK1; TASK-1;
Gene ID	3777
mRNA Refseq	NM_002246
Protein Refseq	NP_002237
MIM	603220
UniProt ID	O14649
SDS-PAGE of KCN3-32H	

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