

## Recombinant Human KCNK3 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNK3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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.</p>
<b>Form</b>	50mM Tris, 8M Urea, pH8.0.
<b>Molecular Mass</b>	16.1 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	KCNK3
<b>Official Symbol</b>	KCNK3
<b>Synonyms</b>	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 <sup>+</sup> 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;
<b>Gene ID</b>	3777
<b>mRNA Refseq</b>	NM_002246
<b>Protein Refseq</b>	NP_002237
<b>MIM</b>	603220
<b>UniProt ID</b>	O14649
<b>SDS-PAGE of KCNK3-32H</b>	

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