

## Recombinant Human KCNK10, His-tagged

Cat. No. KCNK10-261H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNK10 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	325-543aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	KCNK10 potassium channel, subfamily K, member 10 [ Homo sapiens ]
<b>Official Symbol</b>	KCNK10
<b>Synonyms</b>	KCNK10; potassium channel, subfamily K, member 10; potassium channel subfamily K member 10; K2p10.1; TREK 2; TREK2; potassium channel TREK-2; TWIK-related K <sup>+</sup> channel 2; TREK-2 K(+) channel subunit; 2P domain potassium channel TREK2; outward rectifying potassium channel protein TREK-2; TREK-2; FLJ43399;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene ID</b>	54207
<b>mRNA Refseq</b>	NM_021161
<b>Protein Refseq</b>	NP_066984
<b>MIM</b>	605873
<b>UniProt ID</b>	P57789
<b>Chromosome Location</b>	14q31
<b>Pathway</b>	Gastric acid secretion, organism-specific biosystem; Gastric acid secretion, conserved biosystem; Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; TWIK related potassium channel (TREK), organism-specific biosystem; Tandem pore domain potassium channels, organism-specific biosystem;
<b>Function</b>	potassium channel activity; voltage-gated ion channel activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA