

Recombinant Human KCNK10, His-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	KCNK10 potassium channel, subfamily K, member 10 [Homo sapiens]
Official Symbol	KCNK10
Synonyms	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 ⁺ channel 2; TREK-2 K(+) channel subunit; 2P domain potassium channel TREK2; outward rectifying potassium channel protein TREK-2; TREK-2; FLJ43399;

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Gene ID	54207
mRNA Refseq	NM_021161
Protein Refseq	NP_066984
MIM	605873
UniProt ID	P57789
Chromosome Location	14q31
Pathway	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;
Function	potassium channel activity; voltage-gated ion channel activity;

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