Recombinant Human KCNK10 Lysate

Cat. No. KCNK10-646HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNK10 protein was overexpressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K+ concentrations, and is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Form	RIPA buffer
Molecular Mass	59.6 kDa
Applications	WB positive control
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored a

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GENE INFORMATION

Gene Name	KCNK10
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;
Gene ID	54207
mRNA Refseq	NM_021161
Protein Refseq	NP_066984
MIM	605873
UniProt ID	P57789
SDS-PAGE of KCNK10-646H	

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