

Recombinant Human KCNK13 Lysate

Cat. No. KCNK13-89HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNK13 protein was overexpressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
Description	Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a potassium channel containing two pore-forming domains. This protein is an open channel that can be stimulated by arachidonic acid and inhibited by the anesthetic halothane.
Form	RIPA buffer
Molecular Mass	45.4 kDa
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

GENE INFORMATION

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Gene Name	KCNK13
Official Symbol	KCNK13
Synonyms	KCNK13; potassium channel, subfamily K, member 13; potassium channel subfamily K member 13; K2p13.1; THIK 1; THIK1; K2P13.1 potassium channel; tandem pore domain potassium channel THIK-1; tandem pore domain halothane-inhibited potassium channel 1; THIK-1;
Gene ID	56659
mRNA Refseq	NM_022054
Protein Refseq	NP_071337
MIM	607367
UniProt ID	Q9HB14
SDS-PAGE of KCNK13-89H	

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