

Recombinant Human KCNK18 Lysate

Cat. No. KCNK18-925HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNK18 protein was overexpressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
Description	Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains and the encoded protein functions as an outward rectifying potassium channel. A mutation in this gene has been found to be associated with migraine with aura.
Form	RIPA buffer
Molecular Mass	43.5 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	KCNK18
Official Symbol	KCNK18
Synonyms	KCNK18; potassium channel, subfamily K, member 18; potassium channel subfamily K member 18; K2p18.1; TRESK; TRESK 2; TRESK2; TRIK; TWIK related spinal cord K ⁺ channel; TWIK-related individual K ⁺ channel; TWIK-related spinal cord K ⁺ channel; TWIK-related individual potassium channel; TWIK-related spinal cord potassium channel; MGR13; TRESK-2;
Gene ID	338567
mRNA Refseq	NM_181840
Protein Refseq	NP_862823
MIM	613655
UniProt ID	Q7Z418

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