



# KCNK18 blocking peptide (CDBP6356)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.[provided by RefSeq, Jan 2011]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KCNK18 potassium channel, subfamily K, member 18 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KCNK18
<b>Synonyms</b>	KCNK18; potassium channel, subfamily K, member 18; TRIK; MGR13; TRESK; TRESK2; K2p18.1; TRESK-2; potassium channel subfamily K member 18; TWIK-related individual K+ channel; TWIK-related spinal cord K+ channel; TWIK-related individual potassium channel; TWIK-related spinal cord potassium channel

<b>Entrez Gene ID</b>	<a href="#">338567</a>
<b>mRNA Refseq</b>	<a href="#">NM_181840</a>
<b>Protein Refseq</b>	<a href="#">NP_862823</a>
<b>UniProt ID</b>	Q7Z418
<b>Pathway</b>	Neuronal System; Potassium Channels; TWIK-related spinal cord K+ channel (TRESK); Tandem pore domain potassium channels
<b>Function</b>	calcium-activated potassium channel activity; outward rectifier potassium channel activity; potassium channel activity