

Product datasheet

Recombinant Human KCNN3 protein ab152490

1 Image

Overview

Product name	Recombinant Human KCNN3 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Accession	Q9UGI6-2
Species	Human
Sequence	MERPIKDSMFSLALKCLISLSTIILLGLIIAYHTREVQLFVIDNGADDWR IAMTYERILYISLEMLVCAIHPGEYKFFWTARLAFSYTPSRAEADVDI ILSIPMFLRLYLARVMLLHSKLFTDASSRSIGALNKINFNTRFVMKTLM TICPGTVLLVFSISLWIAAWTVRVVCERYHDQQDVTSNFLGAMWLISITF LSIGYGDMVPHTYCGKGVCLLTGIMGAGCTALVVAVVARKLELTKAEKHV HNFMMDTQLTKRIKNAANVLRRETWLYKHTKLLKKIDHAKVRKHQRKFL QAIHQLRSVKMEQRKLSAQANTLVDLSKMQNVMYDLITELNDRSEDLEKQ IGSLESKLEHLTASFNSLPLLIADTLRQQQQQLLSAIEARGVSVAVGTT HTPISDSPIGVSSTSFPTPYTSSSSC
Molecular weight	73 kDa including tags
Amino acids	1 to 426

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152490** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	SDS-PAGE
	Western blot

Form	Liquid
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Additional notes	Protein concentration is above or equal to 0.05 µg/µl.
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Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Forms a voltage-independent potassium channel activated by intracellular calcium. Activation is followed by membrane hyperpolarization. Thought to regulate neuronal excitability by contributing to the slow component of synaptic afterhyperpolarization. The channel is blocked by apamin.

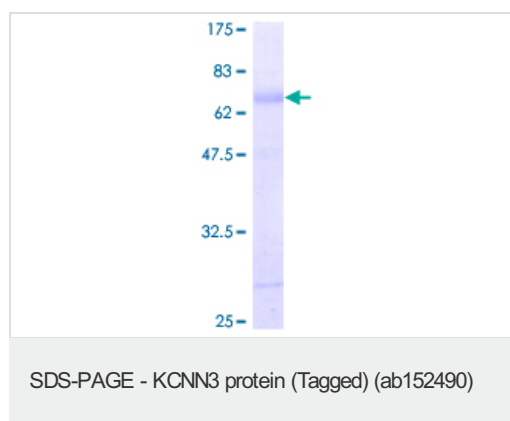
Sequence similarities

Belongs to the potassium channel KCNN family. KCa2.3/KCNN3 subfamily.

Cellular localization

Membrane.

Images



12.5% SDS-PAGE analysis of ab152490 stained with Coomassie Blue.

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