

## Product datasheet

# Recombinant Human KCNN3 protein ab152490

1 Image

### Overview

<b>Product name</b>	Recombinant Human KCNN3 protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Accession</b>	<a href="#">Q9UGI6-2</a>
<b>Species</b>	Human
<b>Sequence</b>	MERPIKDSMFSLALKCLISLSTIILLGLIIAYHTREVQLFVIDNGADDWR IAMTYERILYISLEMLVCAIHPGEYKFFWTARLAFSYTPSRAEADVDI ILSIPMFLRLYLARVMLLHSKLFTDASSRSIGALNKINFNTRFVMKTLM TICPGTVLLVFSISLWIAAWTVRVVCERYHDQQDVTSNFLGAMWLISITF LSIGYGDMVPHTYCGKGVCLLTGIMGAGCTALVVAVVARKLELTKAEKHV HNFMMDTQLTKRIKNAANVLRWTWLYKHTKLLKKIDHAKVRKHQRKFL QAIHQLRSVKMEQRKLSAQANTLVDLSKMQNVMYDLITELNDRSEDLEKQ IGSLESKLEHLTASFNSLPLLIADTLRQQQQQLLSAIEARGVSVAVGTT HTPISDSPIGVSSTSFPTPYTSSSSC
<b>Molecular weight</b>	73 kDa including tags
<b>Amino acids</b>	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.

<b>Applications</b>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 µg/µl.

## 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.

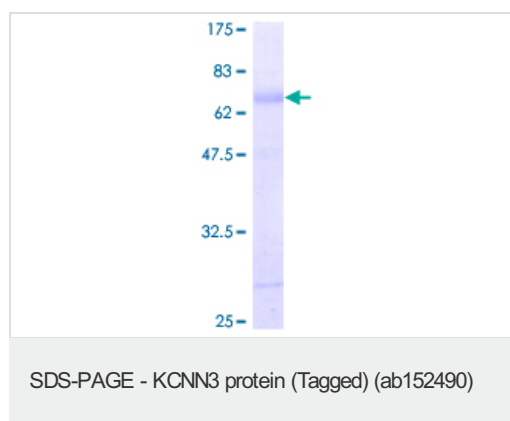
### Sequence similarities

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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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