

Product datasheet

Recombinant Human Scn2b protein ab114773

1 Image

Overview

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<b>Product name</b>	Recombinant Human Scn2b protein
<b>Protein length</b>	Full length protein

Description

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

Amino Acid Sequence

<b>Accession</b>	<a href="#">O60939</a>
<b>Species</b>	Human
<b>Sequence</b>	MHRDAWLPRPAFSLTGLSLFFSLVPPGRSMEVTVPATLNLVNGSDARLPC TFNSCYTVNHKQFSLNWTYQECNNCSEEMFLQFRMKIINLKLRFQDRVE FSGNPSKYDVSVMRLRVQPEDEGIYNCYIMNPPDRHRGHGKIHLQVLMEE PPERDSTVAIVVGASVGGFLAVVILVLMVVKCVRRKKEQKLSTDDLKTEE EGKTDGEGNPDDGAK
<b>Molecular weight</b>	50 kDa including tags
<b>Amino acids</b>	1 to 215

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab114773** 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 mg/ml. Best used within three months from the date of receipt.

Preparation and Storage

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## Stability and Storage

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

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## General Info

### Function

Crucial in the assembly, expression, and functional modulation of the heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the plasma membrane surface area and in its folding into microvilli. Interacts with TNR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier.

### Tissue specificity

Brain specific.

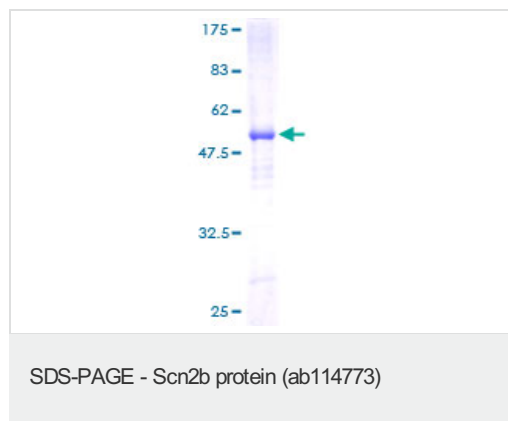
### Sequence similarities

Belongs to the sodium channel auxiliary subunit SCN2B (TC 8.A.17) family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

### Cellular localization

Membrane.

## Images



ab114773 analysed on a 12.5% SDS-PAGE gel 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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