

Product datasheet

Recombinant Human Scn2b protein ab114773

1 Image

Overview

Product name	Recombinant Human Scn2b protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Accession	O60939
Species	Human
Sequence	MHRDAWLPRPAFSLTGLSLFFSLVPPGRSMEVTVPATLNLVNGSDARLPC TFNSCYTVNHKQFSLNWTYQECNNCSEEMFLQFRMKIINLKLRFQDRVE FSGNPSKYDVSVMRLRVQPEDEGIYNCYIMNPPDRHRGHGKIHLQVLMEE PPERDSTVAIVVGASVGGFLAVVILVLMVVKCVRKKEQKLSTDDLKTEE EGKTDGEGNPDDGAK
Molecular weight	50 kDa including tags
Amino acids	1 to 215

Specifications

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.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

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: 0.3% 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 TNFR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier.

Tissue specificity

Brain specific.

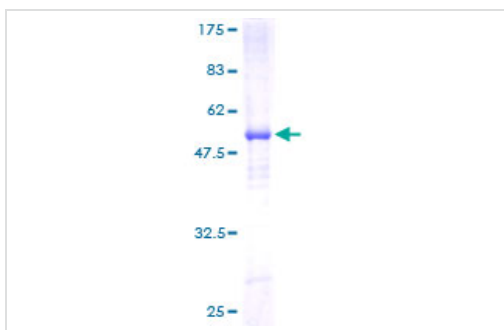
Sequence similarities

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.

SDS-PAGE - Recombinant Human Scn2b protein
(ab114773)

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