

PRODUCT INFORMATION

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|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag                          | <b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806<br>C-Flag Tag                                                                                              |
| Target                       | SCN2B                                                                                                                                                                                                                                                                                                                       |
| Synonyms                     | ATFB14                                                                                                                                                                                                                                                                                                                      |
| Description                  | Human SCN2B full length protein-synthetic nanodisc                                                                                                                                                                                                                                                                          |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                                                                                                    |
| Uniprot ID                   | O60939                                                                                                                                                                                                                                                                                                                      |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                      |
| Protein Families             | Ion Channels: Sodium                                                                                                                                                                                                                                                                                                        |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight             | The human full length SCN2B protein has a MW of 24.3kDa                                                                                                                                                                                                                                                                     |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                            |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                         |
| Background                   | The protein encoded by this gene is the beta 2 subunit of the type II voltage-gated sodium channel. The encoded protein is involved in cell-cell adhesion and cell migration. Defects in this gene can be a cause of Brugada Syndrome, atrial fibrillation, or sudden infant death syndrome. [provided by RefSeq, Jul 2015] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                           |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                |

