

HDFP1355

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## Product Information

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|---------------------|----------|-------------------------|------------------|--------------|------|
| <b>Product SKU:</b> | HDFP1355 | <b>Expression Host:</b> | HEK293           | <b>Size:</b> | 10µg |
| <b>Target:</b>      | SCN2B    | <b>Tag:</b>             | C-Flag&Strep Tag |              |      |

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## Additional Information

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|--------------------------|--|--------------------|--------|
| <b>Conjugate:</b>        | Unconjugated   | <b>Uniprot ID:</b> | O60939 |
| <b>Molecular Weight:</b> | The human full length SCN2B-Strep protein has a MW of 24.3 kDa |                    |        |

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## Protein Information

**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]

**Synonyms:** ATFB14

**Protein Description:** Human SCN2B-Strep full length protein-synthetic nanodisc

**Formulation:** 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. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

**Protein Pathways:** -

**Protein Families:** Ion Channels: Sodium.

**Usage:** Research use only

**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.

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