PRODUCT INFORMATION

C-Flag Tag Tag **Target** SCN4B

Synonyms ATFB17, LQT10, Navbeta4

Human SCN4B full length protein-synthetic Description

nanodisc **Delivery** 6~8weeks **Uniprot ID Q8IWT1 Expression Host HEK293**

Protein Families Ion Channels: Sodium

Protein Pathways N/A

Background

The human full length SCN4B protein has a MW of **Molecular Weight**

25kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is one of several sodium channel beta subunits. These subunits interact with voltage-gated alpha subunits to change sodium channel kinetics. The encoded transmembrane protein forms interchain disulfide bonds with SCN2A. Defects in this gene are a cause of long QT syndrome type 10

(LQT10). Three protein-coding and one non-coding transcript variant have been found for this

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gene.[provided by RefSeq, Mar 2009]

Usage Research use only

Conjugate Unconjugated

