

PRODUCT INFORMATION

Target CXB1

Synonyms CMTX, CMTX1, CX32

Human CXB1 full length protein-synthetic **Description**

nanodisc 6~8weeks

Delivery Uniprot ID P08034 **Expression Host HEK293**

Protein Families Ion Channels: Other

Protein Pathways

Background

The human full length CXB1 protein has a MW of **Molecular Weight**

32kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trialose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with

pH lower than 6.5 in subsequent experiments. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

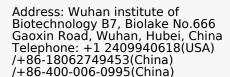
temperature.

This gene encodes a member of the gap junction protein family. The gap junction proteins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. According to sequence similarities at the

nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene cause X-linked Charcot-Marie-Tooth disease, an inherited peripheral neuropathy. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by

RefSeq, Oct 2008]

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