Cat. No. FLP100628



PRODUCT INFORMATION

Tag C-Flag Tag CY24B **Target**

AMCBX2, CGD, CGDX, GP91-1, GP91-PHOX, **Synonyms**

GP91PHOX, IMD34, NOX2, p91-PHOX

Human CY24B full length protein-synthetic Description

nanodisc **Delivery** 6~8weeks **Uniprot ID** P04839

Protein Families Ion Channels: Other

Protein Pathways

Expression Host

Background

The human full length CY24B protein has a MW of **Molecular Weight**

65.3kDa

HFK293

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 & lyophilization. Please see Certificate of Analysis Reconstitution 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. 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.

Cytochrome b (-245) is composed of cytochrome b alpha (CYBA) and beta (CYBB) chain. It has been proposed as a primary component of the microbicidal oxidase system of phagocytes. CYBB deficiency is one of five described biochemical defects associated with chronic granulomatous disease (CGD). In this disorder, there is decreased activity of phagocyte NADPH oxidase; neutrophils are able to phagocytize bacteria but cannot kill

them in the phagocytic vacuoles. The cause of the killing defect is an inability to increase the cell's respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole. [provided by RefSeq, Jul 2008]

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Usage Research use only Conjugate Unconjugated

