

# Product Information

## MemDX™ Membrane Protein Human CYB5B (Cytochrome b5 type B) Full Length

Cat. No.: **MPC4187K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human CYB5B membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

CYB5B

#### Protein Length

Full length

#### Protein Class

Transporter

#### TMD

1

#### Sequence

MSGSMATAEASGSDGKGQEVETSVTYRLEEVAKRNSLKELWLVHGRVY  
DVTRFLNEHPGGEEVLLEQAGVDASESFEDVGHSSDAREMLKQYYIGDIH  
PSDLKPESGSKDPSKNDTCKSCWAYWILPIIGAVLLGFLYRYTSESKSS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

#### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

CYB5B

### Full Name

Cytochrome b5 type B

### Alternative Names

CYB5B; OMB5; CYB5-M; CYPB5M; cytochrome b5 type B (outer mitochondrial membrane); outer mitochondrial membrane cytochrome b5; type 2 cyt-b5; Cytochrome b5 type B

### Gene ID

[80777](#)

### UniProt ID

[O43169](#)