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## Datasheet for ABIN7318384 **CYB5B Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	CYB5B
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYB5B protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Cytochrome b5 B/CYB5B Protein (His Tag)
Sequence:	Lys12-Cys118
Characteristics:	Recombinant Human Cytochrome b5 type B is produced by our Mammalian expression system and the target gene encoding Lys12-Cys118 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CYB5B
Alternative Name:	Cytochrome b5 B/CYB5B ( <a href="#">CYB5B Products</a> )
Background:	Background: Cytochrome b5 type B (CYB5B) is a membrane of the cytochrome b5 family. It contains 1 cytochrome b5 heme-binding domain. Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. In

## Target Details

the mitochondrion of eukaryotes and in aerobic prokaryotes, cytochrome b is a component of respiratory chain complex III also known as the bc1 complex or ubiquinol-cytochrome c reductase.

Synonym: Cytochrome b5 outer mitochondrial membrane isoform,OMB5

Molecular Weight: 14.0 kDa

UniProt: [O43169](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.