

# Recombinant Human CYB5B Protein (Full Length), C-Myc/DDK tagged

**Cat. No.** CYB5B-03HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein of human cytochrome b5 type B (outer mitochondrial membrane) (CYB5B), nuclear gene encoding mitochondrial protein with C-Myc/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Full Length
<b>Description</b>	Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases.
<b>Molecular Mass</b>	16.5 kDa
<b>Purity</b>	> 80 % as determined by SDS-PAGE and Coomassie blue staining
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** > 0.05 µg/µL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10 % glycerol.

## GENE INFORMATION

**Gene Name** CYB5B cytochrome b5 type B [ Homo sapiens (human) ]

**Official Symbol** CYB5B

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

**Gene ID** 80777

**mRNA Refseq** NM\_030579

**Protein Refseq** NP\_085056

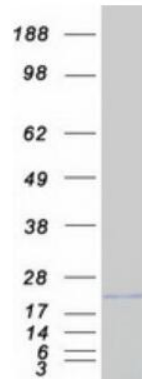
**MIM** 611964

**UniProt ID** Q9BT35

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**SDS-PAGE**

Coomassie blue staining of purified CYB5B protein. The protein was produced from HEK293T cells transfected with CYB5B cDNA clone using MegaTran 2.0.

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