

## 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

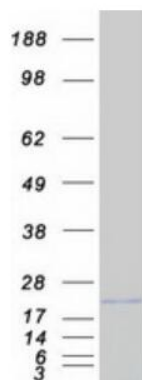
**MIM** 611964

**UniProt ID** Q9BT35

 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

**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.

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