

## Recombinant Mouse Cyb5r3 Protein, MYC/DDK-tagged

Cat. No. Cyb5r3-433M Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse cytochrome b5 reductase 3 (Cyb5r3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Broad expression in duodenum adult (RPKM 409.4), adrenal adult (RPKM 270.7) and 23 other tissues.  |
| <b>Molecular Mass</b>   | 34.1 kDa   |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining   |
| <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 after receiving vials.   |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method   |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.  |

### GENE INFORMATION

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|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Cyb5r3 cytochrome b5 reductase 3 [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Cyb5r3  |
| <b>Synonyms</b>        | Cyb5r3; cytochrome b5 reductase 3; B5R; Dia1; Dia-1; C85115; WU:Cyb5r3; 0610016L08Rik; 2500002N19Rik; NADH-cytochrome b5 reductase 3; diaphorase 1 (NADH); EC 1.6.2.2 |
| <b>Gene ID</b>         | 109754  |
| <b>mRNA Refseq</b>     | NM_029787   |
| <b>Protein Refseq</b>  | NP_084063   |
| <b>UniProt ID</b>      | Q9DCN2  |

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