

## Recombinant Rat Dhodh protein, His-tagged

**Cat. No.** Dhodh-5849R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant Rat Dhodh protein(Q63707)(31-395aa), fused to N-terminal His tag, was expressed in Insect cell.                                                                                                                                                    |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 31-395aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                             |
| <b>Molecular Mass</b>   | 41.9 kDa                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-149°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 119%. |

### GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Dhodh dihydroorotate dehydrogenase (quinone) [ Rattus norvegicus ]                                                                                                                    |
| <b>Official Symbol</b> | Dhodh                                                                                                                                                                                 |
| <b>Synonyms</b>        | DHODH; dihydroorotate dehydrogenase (quinone); dihydroorotate dehydrogenase (quinone), mitochondrial; DHODEHase; dihydroorotate oxidase; dihydroorotate dehydrogenase, mitochondrial; |
| <b>Gene ID</b>         | 65156                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001008553                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001008553                                                                                                                                                                          |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                       |

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