

## Recombinant Rat Cyp1b1 protein, His-tagged

Cat. No. Cyp1b1-5784R Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Rat Cyp1b1 protein(Q64678)(1-543aa), fused to N-terminal His tag, was expressed in Yeast.   |
| <b>Species</b>          | Rat   |
| <b>Source</b>           | Yeast   |
| <b>ProteinLength</b>    | 1-543aa   |
| <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>   | 61.9 kDa  |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.   |
| <b>Storage</b>          | Store at -20°C/-84°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 54%. |

### GENE INFORMATION

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|------------------------|--|
| <b>Gene Name</b>       | Cyp1b1 cytochrome P450, family 1, subfamily b, polypeptide 1 [ Rattus norvegicus ]   |
| <b>Official Symbol</b> | Cyp1b1   |
| <b>Synonyms</b>        | CYP1B1; cytochrome P450, family 1, subfamily b, polypeptide 1; cytochrome P450 1B1; CYP1B1; P450RAP; cytochrome P450RAP; cytochrome P450, subfamily 1B, polypeptide 1; |
| <b>Gene ID</b>         | 25426  |
| <b>mRNA Refseq</b>     | NM_012940  |
| <b>Protein Refseq</b>  | NP_037072  |
| <b>SDS-PAGE</b>        |  |

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