

## Recombinant Mouse Por protein, His-tagged

**Cat. No.** Por-3357M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Por protein(P37040)(276-525aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 276-525aa                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                             |
| <b>Molecular Mass</b>   | 34.2 kDa                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | FDAKNPFLAAVTTNRKLNQGTERHLMHLELDISDSKIRYESGDHVAVYPANDSTLVN<br>QIGEILGADLDVIMSLNNLDEESNKKHPFPCPTTYRTALTYLDITNPPRTNVLVELAQ<br>YASEPSEQEHLHKMASSSGEGKELYLSWVVEARRHILAILQDYP SLRPPIDHLCCELLP<br>RLQARYYSIASSSKVHPNSVHICAVAVEYEAKSGRVNKG VATSWLRTKEPAGENGR<br>RALVPMFVRKSQFRLPFKPT |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                            |

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repeated freeze-thaw cycles.

#### Reconstitution

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 50%.

## GENE INFORMATION

#### Gene Name

Por P450 (cytochrome) oxidoreductase [ [Mus musculus](#) ]

#### Official Symbol

[Por](#)

#### Synonyms

POR; P450 (cytochrome) oxidoreductase; NADPH--cytochrome P450 reductase; P450R; NADH cytochrome P450 oxydoreductase; CPR; CYPOR; 4933424M13Rik;

#### Gene ID

[18984](#)

#### mRNA Refseq

[NM\\_008898](#)

#### Protein Refseq

[NP\\_032924](#)

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