

Recombinant Rat Por protein, His & T7-tagged

Cat. No. Por-7967R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Por aa. (Gly210~Glu578 (Accession # P00388)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly210~Glu578
Description	Plays a role in electron transport.
Form	Freeze-dried powder
Molecular Mass	46kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Por cytochrome p450 oxidoreductase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Por

Synonyms

Por; cytochrome p450 oxidoreductase; CYPOR; NADPH--cytochrome P450 reductase; CPR; P450 (cytochrome) oxidoreductase; P450R; cytochrome P450 reductase

Gene ID

29441

mRNA Refseq

NM_031576.1

Protein Refseq

NP_113764.1

UniProt ID

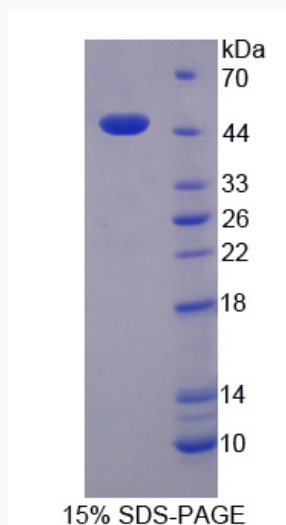
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SDS-PAGE



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