

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

POR, 1-680aa, Human, His tag, Insect cell

产品货号: TP03475

第三版

别名:NADPH--cytochrome P450 reductase, CPR, CYPOR, P450R

描述:POR, also known as NADPH--cytochrome P450 reductase, is a flavoprotein that donates electrons to all microsomal P450 enzymes. POR is localized to the endoplasmic reticulum, where it is also able to transfer electrons to heme oxygenase and cytochrome b5. It is structurally related to two separate flavoprotein families, ferredoxin nucleotide reductase and flavodoxin. Recombinant human POR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol.

分子量:77.9kDa (686aa)

序列:

```
MINMGDSHVDTSSVSEAVAEVSLFSMTDMILFSLIVGLLTYWFLFRKKKEEVPEFTKIQTLSVRESSFVEKMKKTGRNII
VFYGSQTGTAEFANRLSKDAHRYGMRGMSADPEEYDLADLSSLPEIDNALVFCMATYGEDPTDNAQDFYDWLQET
DVDLSGVKFAVFGLGNKTYEHFNAMGKYVDKRLEQLGAQRIFELGLGDDDNLEEDFITWREQFWLAVCEHFGVEATG
EESIRQYELVVHTDIDAAKVYMGEMGRLKSYENQKPPFDAKNPFLAAVTTNRKLNQGTERHLMHLELDISDSKIRYESGD
HVAVYPANDSALVNQLGKILGADLDVVMNLNDEESNKKHPFPCPTSYRTALTYLDITNPPRTNVLYELAQAASEPSEQ
ELLRKMASSSGEGKELYLSWVVEARRHILAILQDCPSLRPPIDHLCCELLPRLQARYYSIASSSKVHPNSVHICAVVVEYETKA
GRINKGVATNWLRAKEPVGENGGRALVPMFVRKSQFRLPFKATTPVIMVPGTGVAPFIGFIQERAWLRQQGKEVGETL
LYYGCRSDEDYLYREELAQFHRDGALTQLNVAFSREQSHKVYVQHLLKQDREHLWKLIEGGAHIYVCGDARNMARDV
QNTFYDIVAELGAMEHAQAVDYIKKLMTKGRYSLDVVSHHHHHH
```

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.