

Datasheet for ABIN7585603  
**POR Protein (AA 2-678) (His tag)**



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## Overview

Quantity:	100 µg
Target:	POR
Protein Characteristics:	AA 2-678
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POR protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>GDSHEDTSA TMPEAVAEV SLFSTTDMVL FSLIVGVLT YWFIRKKKEE IPEFSKIQT</p> <p>APPVKESSFV EKMKKTGRNI IVFYGSQTGT AEEFANRLSK DAHRYGMRGM SADPEEYDLA</p> <p>DLSSLPEIDK SLVVFCEMATY GEGDPTDNAQ DFYDWLQETD VDLTGVKFAV FGLGNKTYEH</p> <p>FNAMGKYVDQ RLEQLGAQRI FELGLGDDDG NLEEDFITWR EQFWPAVCEF FGVEATGEES</p> <p>SIRQYELVVH EDMDVAKVYT GEMGRLKSYE NQKPPFDAKN PFLAAVTANR KLNQGTERHL</p> <p>MHLELDISDS KIRYESGDHV AVYPANDSAL VNQIGEILGA DLDVIMSLNN LDEESNKKHP</p> <p>FPCPTTYRTA LTYYLDITNP PRTNVLYELA QYASEPSEQE HLHKMASSSG EGKELYLSWV</p> <p>VEARRHILAI LQDYP SLRPP IDHLCCELLPR LQARYYSIAS SSKVHPNSVH ICAVAVEYEA</p> <p>KSGRVNKGVA TSWLRKEPA GENGGRALVP MFVRKSQFRL PFKSTTPVIM VGP GTGIAPF</p> <p>MGFIQERAWL REQGKEVGET LLYYGCRSD EDYLYREELA RFHKDGALTQ LNVAFSREQA</p> <p>HKVYVQHLLK RDREHLWKLI HEGGAHIYVC GDARNMAKDV QNTFYDIVAE FGPMEHTQAV</p> <p>DYVKKLMTKG RYSLDVWS</p>
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## Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	POR
Alternative Name:	NADPH-cytochrome P450 reductase (Por) ( <a href="#">POR Products</a> )
Background:	Recommended name: NADPH-cytochrome P450 reductase. Short name= CPR. Short name= P450R. EC= 1.6.2.4
UniProt:	<a href="#">P00388</a>
Pathways:	<a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL

## Handling

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Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.