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Datasheet for ABIN5710131

## POR Protein (AA 2-671, partial) (GST tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	POR
Protein Characteristics:	partial, AA 2-671
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This POR protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence: INMGDSHVDT SSTVSEAVAE EVSLFSMTDM ILFSLIVGLL TYWFLFRKKK EEVPEFTKIQ  
TLTSSVRESS FVEKMKKTGR NIIVFYGSQT GTAEEFANRL SKDAHRYGMR GMSADPEEYD  
LADLSSLPEI DNALVFCMA TYGEGDPTDN AQDFYDWLQE TDVDLSGVKF AVFGLGNKTY  
EHFNAMGKYV DKRLEQLGAQ RIFELGLGDD DGNLEEDFIT WREQFWLAVC EHFVGEATGE  
ESSIRQYELV VHTDIDAAKV YMGEMGRLKS YENQKPPFDA KNPFLAAVTT NRKLNQGTER  
HLMHLELDIS DSKIRYESGD HVAVYPANDS ALVNQLGKIL GADLDVMSL NNLDEESNKK  
HPFPCPTSUR TALTYLDIT NPPRTNVLVE LAQYASEPSE QELLRKMSS SGEKELYLS  
WVVEARRHIL AILQDCPSLR PPIHLCCELL PRLQARYYSI ASSSKVHPNS VHICAVVVEY  
ETKAGRINKG VATNWLRAKE PVGENGGRAL VPMFVRKSQF RLPFKATTPV IMVGPGTGVA  
PFIGFIQERA WLRQQGKEVG ETLLEYGCRR SDEDLYREE LAQFHRDGL TQLNVAFSRE  
QSHKVVYVQHL LKQDREHLWK LIEGGAHIYV CGDARNMARD VQNTFYDIVA ELGAMEHAQA  
VDYIKKLMTK

## Product Details

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Purification: SDS-PAGE

Purity: > 90 %

## Target Details

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Target: POR

Alternative Name: NCPR ([POR Products](#))

Background: This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to he oxygenase and cytochrome B5.

Molecular Weight: 103.2 kDa

UniProt: [P16435](#)

Pathways: [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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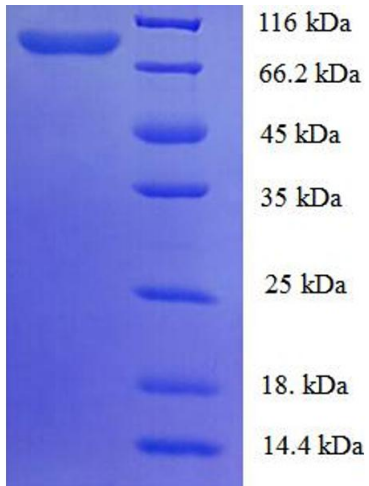
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



**SDS-PAGE**

**Image 1.**