

Datasheet for ABIN7596354

POR Protein (AA 1-680) (His tag)[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	POR
Protein Characteristics:	AA 1-680
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MINMGDSHVD TSSTVSEAVA EEVSLFSMTD MILFSLIVGL LTYWFLFRKK KEEVPEFTKI QTLTSSVRES SFVEKMKKTG RNIIVFYGSQ TGTAEEFANR LSKDAHRYGM RGMSADPEEY DLADLSSLPE IDNALVVFCM ATYGEGDPTD NAQDFYDWLQ ETDVDLSGVK FAVFGLGNKT YEHFNAMGKY VDKRLEQLGA QRIFELGLGD DDGNLEEDFI TWREQFWLAV CEHFGVEATG EESSIRQYEL VVHTDIDAAK VYMGEMGRLK SYENQKPPFD AKNPFLAAVT TNRKLNQGTE RHLMHLELDI SDSKIRYESG DHVAVYPAND SALVNQLGKI LGADLDVMS LNNLDEESNK KHPFPCPTSY RTALTYLDI TNPPRTNVLY ELAQYASEPS EQELLRKMAS SSGEGKELYL SWVVEARRHI LAILQDCPSL RPPIDHLCEL LPRLQARYYS IASSSKVHPN SVHICAVVVE YETKAGRINK GVATNWLRAK EPVGENGGRA LVPMFVRKSQ FRLPFKATTP VIMVGP GTGV APFIGFIQER AWLRQQGKEV GETLLYYGCR RSDDEDYLYRE ELAQFHRDGA LTQLNVAFSR EQSHKVVYVQH LLKQDREHLW KLIEGGAHIY VCGDARNMAR DVQNTFYDIV AELGAMEHAQ AVDYIKKLMT KGRYSLDVWS
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Product Details

Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	POR
Alternative Name:	Cytochrome p450 reductase/POR (POR Products)
Background:	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.
Molecular Weight:	77.9 kDa (686aa)
NCBI Accession:	NP_000932
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.