

RPPB2146

Product Information Protein Information

Product SKU:

RPPB2146

Accession:

P16435

Host:

Sf9, Baculovirus cells.

Protein description:

POR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 686 amino acids (1-680a.a.) and having a molecular mass of 77.9kDa. POR is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

P450 (Cytochrome) Oxidoreductase, EC 1.6.2.4, CYPOR, P450R, CPR, NADPH-Dependent Cytochrome P450 Reductase, NADPH--Cytochrome P450 Reductase, NADPH--cytochrome P450 reductase.

Formulation:

POR protein solution (0.25mg/ml) contains Phosphate buffer saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MINMGDSHVD TSSTVSEAVA EEVSLFSMTD MILFSLIVGL LTYWFLFRKK KEEVPEFTKI QTLTSSVRES
SFVEKMKKTG RNIIVFYGSQ TGTAEEFANR LSKDAHRYGM RGMSADPEEY DLADLSSLPE IDNALVVFCM
ATYGEDPTD NAQDFYDWLQ ETDVDLSGVK FAVFGLGNKT YEHFNAMGKY VDKRLEQLGA QRIFELGLGD
DDGNLEEDI TWREQWLAV CEHFGVEATG EESSIRQYEL VVHTDIDAAK VYMGEMGRK SYENQKPPFD
AKNPFLAAVT TNRKLNQGTE RHLMHLELDI SSKIRYESG DHVAVYPAND SALVNQLGKI LGADLDVMS
LNNLDEESNK KHPFPCPSY RTALTYLDI TNPRRTNVLY ELAQYASEPS EQELLRKMAS SSGEGKELYL
SWVVEARRHI LAILQDCPSL RPPIDHLCLE LPRLQARYYS IASSSKVHPN SVHICAVVVE YETKAGRINK
GVATNWLRAK EPVGENGGRA LVPMFVRKSQ FRLPFKATTP VIMVPGTGV APFIGFIQER AWLRQQGKEV
GETLLYGCGR RSEDEDLYRE ELAQFHRDGA LTQLNVAFSR EQSHKVVYVQH LLKQDREHLW KLIEGGAIHY
VCGDARNMAR DVQNTFYDIV AELGAMEHAQ AVDYIKLMT KGRYSLDVWS HHHHHH.