

## P450 Oxidoreductase Human Recombinant

Item Number	rAP-3142
Synonyms	P450 (Cytochrome) Oxidoreductase, EC 1.6.2.4, CYPOR, P450R, CPR, NADPH-Dependent Cytochrome P450 Reductase, NADPHCytochrome P450 Reductase, NADPHcytochrome P450 reductase.
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
Uniprot Accesion Number	P16435
Amino Acid Sequence	MINMGDSHVD TSSTVSEAVA EEVSLFSMTD MILFSLIVGL LTYWFLFRKK KEEVPEFTKI QTLTSSVRES SFVEKMKKTG RNIIVFYGSQ TGTAEEFANR LSKDAHRYGM RGMSADPEEY DLADLSSLPE IDNALVVFCM ATYGEGDPTD NAQDFYDWLQ ETDVDLSGVK FAVFGLGNKT YEHFNAMGKY VDKRLEQLGA QRIFELGLGD DDGN- LEEDFI
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	POR protein solution (0.25mg/ml) contains Phosphate buffer saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only