

POR 抗原（重组蛋白）

中文名称： POR 抗原（重组蛋白）

英文名称： POR Antigen (Recombinant Protein)

别名： cytochrome p450 oxidoreductase; CPR; CYPOR; P450R

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 478-677 amino acids of human POR

技术规格

Full name:	cytochrome p450 oxidoreductase
Synonyms:	CPR; CYPOR; P450R
Swissprot:	P16435
Gene Accession:	BC034277
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes an endoplasmic reticulum membrane oxidoreductase with an FAD-binding domain and a flavodoxin-like domain. The protein binds two cofactors, FAD and FMN, which allow it to donate electrons directly from NADPH to all microsomal P450 enzymes. Mutations in this gene have been associated with various diseases, including apparent combined P450C17 and P450C21 deficiency, amenorrhea and disordered steroidogenesis, congenital adrenal hyperplasia and Antley-Bixler syndrome.