

# Recombinant Human POR

Catalog No: #GP12850



Package Size: #GP12850-1 100ug

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## Description

Product Name	Recombinant Human POR
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 478-677 amino acids of human POR
Target Name	cytochrome p450 oxidoreductase
Other Names	CPR; CYPOR; P450R
Accession No.	Swissprot:P16435Gene Accession:BC034277
Uniprot	P16435
GeneID	5447;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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