

CYP2C9 抗原（重组蛋白）

中文名称： CYP2C9 抗原（重组蛋白）

英文名称： CYP2C9 Antigen (Recombinant Protein)

别名： CPC9; CYP2C; CYP2C10; CYPIIC9; P450IIC9

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-162 amino acids of human CYP2C9

技术规格：

Full name:	cytochrome P450, family 2, subfamily C, polypeptide 9
Synonyms:	CPC9; CYP2C; CYP2C10; CYPIIC9; P450IIC9
Swissprot:	P11712
Gene Accession:	BC020754
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 a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and its expression is induced by rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen

en and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24.