

CYP4F12 抗原（重组蛋白）

中文名称：CYP4F12 抗原（重组蛋白）

英文名称：CYP4F12 Antigen (Recombinant Protein)

别名：cytochrome P450 family 4 subfamily F member 12; CYP4F12; F22329_1

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 325-524 amino acids of human CYP4F12

技术规格

Full name:	cytochrome P450 family 4 subfamily F member 12
Synonyms:	CYP4F12; F22329_1
Swissprot:	Q9HCS2
Gene Accession:	BC035350
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 likely localizes to the endoplasmic reticulum. When expressed in yeast the enzyme is capable of oxidizing arachidonic acid. It can also catalyze the epoxidation of 22:6n-3 and 22:5n-3 polyunsaturated long-chain fatty acids. This gene is

part of a cluster of cytochrome P450 genes on chromosome 19. Alternative splicing results in multiple transcript variants.