

Recombinant Human CYP4F12

Catalog No: #GP12846



Package Size: #GP12846-1 100ug

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Description

Product Name	Recombinant Human CYP4F12
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 325-524 amino acids of human CYP4F12
Target Name	cytochrome P450 family 4 subfamily F member 12
Other Names	CYP1VF12; F22329_1
Accession No.	Swissprot:Q9HCS2Gene Accession:BC035350
Uniprot	Q9HCS2
GeneID	66002;
Storage	-20~-80°C, pH 7.6 PBS

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.?

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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