

Recombinant Human CYP4F2 Protein

Cat. No. CYP4F2-85H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CYP4F2 protein without tag were coexpressed in E. coli.
Species	Human
Source	E.coli
Description	<p>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.</p> <p>This protein localizes to the endoplasmic reticulum. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F11, is approximately 16 kb away.</p>

GENE INFORMATION

Gene Name	CYP4F2 cytochrome P450 family 4 subfamily F member 2 [Homo sapiens (human)]
Official Symbol	CYP4F2
Synonyms	CYP4F2; cytochrome P450 family 4 subfamily F member 2; CPF2; cytochrome P450 4F2; 20-HETE synthase; 20-hydroxyeicosatetraenoic acid synthase; CYP1VF2; arachidonic acid omega-hydroxylase; cytochrome P450, family 4, subfamily F, polypeptide 2; cytochrome P450, subfamily IVF, polypeptide 2; cytochrome P450-LTB-omega; docosahexaenoic acid omega-hydroxylase; leukotriene-B(4) 20-

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monooxygenase 1; leukotriene-B(4) omega-hydroxylase 1; phylloquinone omega-hydroxylase CYP4F2

Gene ID 8529

mRNA Refseq NM_001082

Protein Refseq NP_001073

MIM 604426

UniProt ID P78329

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