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	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. 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.

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; CYPIVF2; 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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