

Recombinant Human CYP2U1 cell lysate

Cat. No. CYP2U1-435HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

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 enzyme is a hydroxylase that metabolizes arachidonic acid, docosahexaenoic acid, and other long chain fatty acids.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

CYP2U1 cytochrome P450, family 2, subfamily U, polypeptide 1 [Homo sapiens]

Official Symbol

CYP2U1

Synonyms


CYP2U1; cytochrome P450, family 2, subfamily U, polypeptide 1; cytochrome P450 2U1; P450TEC;

Gene ID

113612

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mRNA Refseq	NM_183075
Protein Refseq	NP_898898
MIM	610670
UniProt ID	Q7Z449
Chromosome Location	4q25
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P450 - arranged by substrate type, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Miscellaneous substrates, organism-specific biosystem;
Function	aromatase activity; electron carrier activity; heme binding; metal ion binding;

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