Recombinant Human CYP2U1 cell lysate

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

SPECIFICATION

Product Overview	
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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	113612
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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