

Recombinant Full Length Human CYP2U1 Protein, GST-tagged

Cat. No. CYP2U1-2395HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP2U1 full-length ORF (AAH12027.1, 1 a.a. - 168 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	168 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	45 kDa
AA Sequence	MSSPGPSQPPAEDPPWPARLLRAPLGLLRDPSGGALLLCGLVALLGWSWLRRRR ARGIPPGPTPWPLVGNFGHVLLPPFLRRRSWLSSRTRAAGIDPSVIGPQVLLAHLAR VYGSIFSFFIGHYLVVVLSDFHVSREALVQQAEEVFSRDRPVPLISIVTKEKELFQE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
mRNA Refseq	NM_183075
Protein Refseq	NP_898898
MIM	610670
UniProt ID	Q7Z449

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