

Recombinant Full Length Human CYP4A11 Protein, GST-tagged

Cat. No. CYP4A11-2440HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP4A11 full-length ORF (AAH22851, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	215 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 protein localizes to the endoplasmic reticulum and hydroxylates medium-chain fatty acids such as laurate and myristate. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016]
Molecular Mass	49.39 kDa
AA Sequence	MSVSVLSPSRLLGDVSGILQAASLLILLILLIKAVQLYLHRQWLLKALQQSPCPPSHW LFGHIQELQQDQELQRIQKVVETFPSACPHWLWGGKVRVQLYDPDYMKVILGRSD PKSHGSYRFLAPWIGYGLLLLNGQTWTFQHRRMLTPAFHYDILKPYVGLMADSVRVM LDKWEELLGQDSPLEVFQHVSLMTLDTIMKCAFRHWQRAQHSRHLP
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
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	CYP4A11 cytochrome P450, family 4, subfamily A, polypeptide 11 [Homo sapiens]
Official Symbol	CYP4A11
Synonyms	CYP4A11; cytochrome P450, family 4, subfamily A, polypeptide 11; CYP4A2, cytochrome P450, subfamily IVA, polypeptide 11; cytochrome P450 4A11; CYP4A11; CYP4A11; P450HL-omega; 20-HETE synthase; alkane-1 monooxygenase; cytochrome P450HL-omega; cytochrome P-450HK-omega; fatty acid omega-hydroxylase; lauric acid omega-hydroxylase; 20-hydroxyeicosatetraenoic acid synthase; cytochrome P450, subfamily IVA, polypeptide 11; CP4Y; CYP4A2;
Gene ID	1579
mRNA Refseq	NM_000778
Protein Refseq	NP_000769
MIM	601310

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UniProt ID

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