

## Recombinant Full Length Human CYP4A11 Protein

**Cat. No.** CYP4A11-107HF    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Cytochrome P450 4A11/22 with N-terminal proprietary tag. Mol Wt 49.76 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	216 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	49.760kDa
<b>AA Sequence</b>	MSVSVLSPSRLLDVSGILQAASLLILLIKAVQLYLH RQWLLKALQQSPCPPSHW LFGHIQELQQDQELQRIQKWVE TFPSACPHWLWGGKVRVQLYDPDYMKVILGRSD PKSHGSY RFLAPWIGYGLLLLNGQTWFQHRRMLTPAFHYDILKPYVG LMADSVRV MLDKWEELLGQDSPLEVFQHVSLMTLDTIMKC AFRHWQRAQHSRHL P
<b>Purity</b>	Proprietary Purification

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**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## 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

**Gene ID** 1579

**mRNA Refseq** NM\_000778

**Protein Refseq** NP\_000769

**MIM** 601310

**UniProt ID** Q02928

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