

Recombinant Full Length Human CYP4A11 Protein

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

SPECIFICATION

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

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	CYP4A11 cytochrome P450, family 4, subfamily A, polypeptide 11 [Homo sapiens]
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Official Symbol	CYP4A11
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Synonyms	CYP4A11; cytochrome P450, family 4, subfamily A, polypeptide 11; CYP4A2, cytochrome P450, subfamily IVA, polypeptide 11; cytochrome P450 4A11; CYP4A11
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Gene ID	1579
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mRNA Refseq	NM_000778
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Protein Refseq	NP_000769
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MIM	601310
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UniProt ID	Q02928
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