

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 RFLAPWIGYGLLLLNGQTWTFQHRRMLTPAFHYDILKPYVG 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.

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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