

Recombinant Full Length Human CYP4F11 Protein, GST-tagged

Cat. No. CYP4F11-2442HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP4F11 full-length ORF (AAH16853, 1 a.a. - 524 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	524 amino acids
Description	This gene, CYP4F11, 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F2, is approximately 16 kb away. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	83.38 kDa
AA Sequence	MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPPQPP KQNWFWGHQGLVTPTEEGMKTTLTQLVTTYPQGFKLWLGPTFPLILCHPDIIIRPITSA SAAVAPKDMIFYGFLKPWLGDGLLLSGGDKWSRHRRLTPAFHFNILKPYMKIFNKS VNIMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSFESNCQEKPSEYIAAILEL SAFVEKRNQQILLHTDFLYYLTDPGQRFRRACHLVHDFDAVIQERRRTLPTQGIDD

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FLKNKAKSKTLDFIDVLLLSKDEDGKELSDIEDIRAEADTFMFEGHDTTASGLSWVLYH
LAKHPEYQEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVPVISRC
CTQDFVLPDGRVIPKGIVCLINIIGIHYNPTVWPDPEVYDPFRFNQENIKERSPLAFIPF
SAGPRNCIGQAFAMAEMKVVLALTLLHFRILPTHTEPRRKPELILRAEGGLWLRVEPL
GANSQ

Applications

Enzyme-linked Immunoabsorbent Assay
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

CYP4F11 cytochrome P450, family 4, subfamily F, polypeptide 11 [Homo sapiens]

Official Symbol

CYP4F11

Synonyms

CYP4F11; cytochrome P450, family 4, subfamily F, polypeptide 11; cytochrome P450, subfamily IVF, polypeptide 11; cytochrome P450 4F11; CYP4F11;

Gene ID

57834

mRNA Refseq

NM_001128932

Protein Refseq

NP_001122404

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MIM	611517
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UniProt ID	Q9HBI6
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