

Product datasheet for PH303705

CYPIVF11 (CYP4F11) (NM_021187) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CYP4F11 MS Standard C13 and N15-labeled recombinant protein (NP_067010)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203705
Predicted MW:	60.2 kDa
Protein Sequence:	>RC203705 protein sequence Red=Cloning site Green=Tags(s)

MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRRLQCFPPKQNWFWGHQGLVTPT
EEGMKTLTQLVTTYYPQGFKLWLGPTFPLLILCHPDIIRPITSASAAPKMDIFYGFLKPWLGDLLLSG
GDKWSRHRMLTAPAFHFNFKPYMKIFNKSVMIMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSF
ESNCQEKPEYIAAILELSAFVEKRNQQILLHTDFLYYLTPDGGQRFRRACHLVHDFDAVIQERRRRLPT
QGIDDFLKNKAKSKTLDFIDVLLL SKDEDGKELSDIEDIRAEADTFMFEHDTTASGLSWVLYHLAKHPEY
QEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRHPPVPVISRCCTQDFVLPDGRVIPKGI
VCLINIIGIHYNPTVWPDPEVYDPFRFNQENIKERSPLAFIPFSAGPRNCIGQAFAMAEMKVVLAL TLLHFR
ILPTHTEPRRKPELILRAEGLWLRVEPLGANSQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_067010</u>
RefSeq Size:	3395
RefSeq ORF:	1572



[View online »](#)

Synonyms: CYP1VF11

Locus ID: 57834

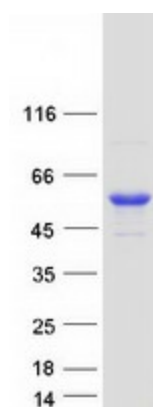
UniProt ID: [Q9HBI6](#)

Cytogenetics: 19p13.12

Summary: 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]

Protein Families: Druggable Genome, P450, Transmembrane

Product images:



Coomassie blue staining of purified CYP4F11 protein (Cat# [TP303705]). The protein was produced from HEK293T cells transfected with CYP4F11 cDNA clone (Cat# [RC203705]) using MegaTran 2.0 (Cat# [TT210002]).