

Product datasheet for **TP303705**

CYPIVF11 (CYP4F11) (NM_021187) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome P450, family 4, subfamily F, polypeptide 11 (CYP4F11), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC203705 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPPKQNWFWGHQGLVTPT
EEGMKTLTQLVTTY PQGFKLWLGPTFLLILCHPDIIRPITSASAAVAPKDMIFYGFLKPWLGDLLLSG
GDKWSRHRMLTPAHFHNLKPYMKIFNKSVMIMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSF
ESNCQEKPSEYIAAILELSAFVEKRNQQILLHTDFLYLTPDGQRFRRACHLVHDFD DAVIQERRRRLPT
QGIDDFLKNKAKSKTLDFIDVLLLSKDEDGKELSDIEDIRAEADTFMFEGHDTTASGLSWVLYHLAKHPEY
QEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVVISRCCTQDFVLPDGRVIPKGIVC
LINIIGIHYNPTVWPDPEVYDPPFRFNQENIKERSPLAFIPFSAGPRNCIGQAFAMAEMKVVLALTLHLFR
ILPTHTEPRRKPELILRAEGLLWLRVEPLGANSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

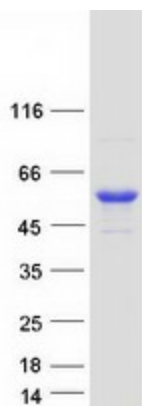
Tag:	C-Myc/DDK
Predicted MW:	60 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_067010
Locus ID:	57834
UniProt ID:	Q9HBI6
RefSeq Size:	3395
Cytogenetics:	19p13.12
RefSeq ORF:	1572
Synonyms:	CYPIVF11
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]).