

Product datasheet for **TP325897**

CYPIVF11 (CYP4F11) (NM_001128932) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human cytochrome P450, family 4, subfamily F, polypeptide 11 (CYP4F11), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC225897 protein sequence |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPPKQNWFWGHQGLVTPT
EEGMKTLTQLVTTYQGFKLWLGPTFLLILCHPDIIRPITSASAAVAPKDMIFYGFLKPWLGDLLLSG
GDKWSRHRMLTPAHFHNLKPYMKIFNKSVMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSF
ESNCQEKPSEYIAAILELSAFVEKRNQQILLHTDFLYLTPDGQRFRRACHLVHDFDTDAVIQERRRRLPT
QGIDDFLKNKAKSKTLDFIDVLLLSKDEDGKELSDERAEADTFMFEGHDTTASGLSWVLYHLAKHPEY
QEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVVISRCCTQDFVLPDGRVIPKGIVC
LINIIGIHYNPTVWPDPEVYDPPFRFNQENIKERSPLAFIPFSAGPRNCIGQAFAMAEMKVVLALTLHLFR
ILPTHTEPRRKPELILRAEGLLWLRVEPLGANSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

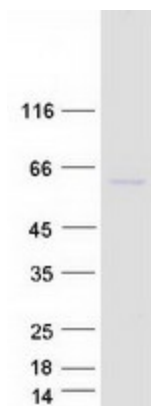
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 60 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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_001122404 |
| Locus ID: | 57834 |
| UniProt ID: | Q9HBI6 |
| RefSeq Size: | 2973 |
| 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# TP325897). The protein was produced from HEK293T cells transfected with CYP4F11 cDNA clone (Cat# [RC225897]) using MegaTran 2.0 (Cat# [TT210002]).