

## Product datasheet for TP307030L

### CYP4X1 (NM\_178033) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome P450, family 4, subfamily X, polypeptide 1 (CYP4X1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207030 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEFSWLETRWARPFYLAFFVCLALGLLQAIKLYLRRQRLLRDLRPFPPAPPTHWFLGHQKFIQDDNMEKLE  
EIEKYPRAPFFWIGPFQAFFCIYDPDYAKTLLSRTDPKSQYLQKFSPLLGGKLAALDGPKWQHRLL  
TPGFHFNILKAYIEVMAHSVMMMLDKWEKICSTQDTSVEVYEHINSMSLDIIMKCAFSKETNCQTNSTHD  
PYAKAIFELSKIIHRLYSLLYHSDIIFKLSPQGYRFQKLSRVLNQYTDITIIQERKKSLLQAGVKQDNTPK  
RKYQDFLDIVLSAKDESGSSFSDIDVHSEVSTFLLAGHDTLAASISWILYCLALNPEHQERCREEVRGIL  
GDGSSITWDQLGEMSYTTMCIKETCRLIPAVPSISRDLKPLTFPDGCTLPAGITVWLSIWGLHHNPAVW  
KNPKVFDPLRFSQENSQDRHPYAYLPFSAGSRNCIGQEFAMIELKVITIALILLHFRVTPDPTRPLTFPNH  
FILPKNGMYLHLKLLSEC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

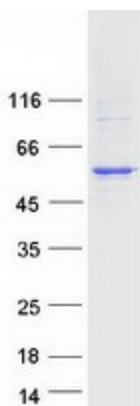
Tag:	C-Myc/DDK
Predicted MW:	58.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_828847</a>
<b>Locus ID:</b>	260293
<b>UniProt ID:</b>	<a href="#">Q8N118</a>
<b>RefSeq Size:</b>	2382
<b>Cytogenetics:</b>	1
<b>RefSeq ORF:</b>	1527
<b>Synonyms:</b>	CYP1VX1
<b>Summary:</b>	This gene encodes a member of the cytochrome P450 superfamily of enzymes and is located within a cluster of genes belonging to this superfamily on chromosome 1. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
<b>Protein Families:</b>	Druggable Genome, P450, Transmembrane

### Product images:



Coomassie blue staining of purified CYP4X1 protein (Cat# [TP307030]). The protein was produced from HEK293T cells transfected with CYP4X1 cDNA clone (Cat# [RC207030]) using MegaTran 2.0 (Cat# [TT210002]).