

Product datasheet for **TP514072**

Cyp2w1 (NM_001160265) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 2, subfamily w, polypeptide 1 (Cyp2w1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214072 representing NM_001160265 Red =Cloning site Green =Tags(s)
	<p>MALLLLGVWGILLLLGLWGLLQGCTRSPSLAPRWPPGPRPLPFLGNLHLLGVTQQDRALMELSERYGPMF TIHLGSQKTVVLSGYEVVREALVGTGHELADRPPPIFQHIQRGGGIFSSGARWRAGRQFTVRTLQSLG VQQPSMVGKVLQELACLKGLDSYGGQPLPLALLGWAPCNITFTLLFGQRFDYQDPVFSLLSLIDQVMV LLGSPGIQLFNTFPRLGAFRLHRPVLSKIEEVRTILRTLLETRRPPPLPTGGPAQSYVEALLQQGQEDDP EDMFGEANVLACTLDMVMAGTETTAATLQWAVFLMVKHPHVQGRVQEELDRVLPQPEHQRALPYT SAVLHEVQRYITLLPHVPRCTAADIQLGGYLLPKGTPVIPLLSVLLDKTQWETPSQFNPNHFLDAKGRF MKRGAFLPFSAGRRVCVGKSLARTELFLLFAGLLQRYRLLPPPGLSPADLDLRPAPAFTMRPPAQTLCVV PRS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	54.9 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
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 after receiving vials.
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:	<u>NP_001153737</u>



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Locus ID: 545817

UniProt ID: [E9Q816](#)

RefSeq Size: 1512

Cytogenetics: 5 G2

RefSeq ORF: 1479

Synonyms: Gm455

Summary: Seems to have broad catalytic activity towards several chemicals, including polycyclic aromatic hydrocarbon dihydrodiols and aromatic amines. Active also in the metabolism of indoline substrates and is able to activate aflatoxin B1 into cytotoxic products. Furthermore, it seems to be involved in the oxydation of lysophospholipids and fatty acids.[UniProtKB/Swiss-Prot Function]