

## Product datasheet for TP520120

### Cyp2r1 (NM\_177382) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 2, subfamily r, polypeptide 1 (Cyp2r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220120 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLELPGARACAGALAGALLLLFVLVVRQLLRQRRPAGFPPGPPRLPFVGNICSLALSADLPHVYMRKQS  
RVYGEIFSLDLGGISTVVLNGYDVVKECLVHQSEIFADRPCLPLFMKMTKMGGLLNSRYGRGWIDHRRRLA  
VNSFHYFGSGQKSFESKILEETWSLIDAIETYKGGPFDLKQLITNAVSNITNLILFGERFTYEDTDFQHM  
IELFSEVELAASAPVFLYNAPFWIGILPFGKHQRLFRNADVVDYDLSRLIEKAAVNRKPHLPHHFVDAY  
LDEM DQGQNDPLSTFSKENLIFSVGELIAGTETTTNVLRWAILFMALYPNIQQQVHKEIDLIVGHNRRP  
SWEYKCKMPYTEAVLHEVLRFCNIVPLGIFHATSEDAVVRGYSIPKGTTVITNLYSVHFDEKYWKDPDMF  
YPERFLDSNGYFTKKEALIPFSLGRRHCLGEQLARMEMFLFFTSLLQQFHLHFPHELVPNLKPRLGMTLQ  
PQPYLICAERR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	57.3 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:	<a href="#">NP_796356</a>



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**Locus ID:** 244209

**UniProt ID:** [Q6VWW9](#), [Q32MW1](#)

**RefSeq Size:** 1630

**Cytogenetics:** 7 F1

**RefSeq ORF:** 1506

**Synonyms:** MGC124198; MGC124199

**Summary:** Has a D-25-hydroxylase activity on both forms of vitamin D, vitamin D(2) and D(3).  
[UniProtKB/Swiss-Prot Function]