

## Product datasheet for TP504299

### Cyb5r1 (NM\_028057) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome b5 reductase 1 (Cyb5r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204299 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGIQPSPVLLASLGVGLLTLGLALGTYLVRRSRRPQVTLQDPDEKYLLRLLDKTTVSHNTRRRFRFALPT  
AHHILGLPVGKHVYLSARIDGSLVIRPYTPVTSDEDQGYYDLVIKVVYLVKGVHPKFPPEGGKMSQYLDLKI  
GDMVEFRGPSGLLSYAGKGNFNIQPNKKSPPELRVAKKLGMIAGGTGITPMLQLIRAILKVPEDPTQCFL  
LFANQTERDIILREDLEELQAQYPNRFKLWFTLDSPPEDWTYSKGFVTADMIQEHLPAEDVLLLLCGP  
PPMVQLACHPNLCLKGYSQKMRFTY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	34.1 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_082333</a>
Locus ID:	72017
UniProt ID:	<a href="#">Q9DB73</a>



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RefSeq Size: 1626

Cytogenetics: 1 E4

RefSeq ORF: 918

Synonyms: 1500005G05Rik; B5R.1; C80155; Nqo3a2

Summary: NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.  
[UniProtKB/Swiss-Prot Function]