

## Product datasheet for **TP502986**

### Qdpr (NM\_024236) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse quinoid dihydropteridine reductase (Qdpr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR202986 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAASGEARRVLVYGGRGALGSRCVQAFRARNWWWASIDWVENEASASVWKMTDSFTEQADQVTADV GK  
LLGDQKVDAILCVAGGWAGGNAKSKSLFKNCDMMWKQSMWTSTISSHLATKHLKEGGLTLAGAKAALDG  
TPGMIGYGMAGAVHQLCQSLAGKNSGMPPGAAAIAVLPVTLDTPMNRKSMPEADFSSWTPLEFLVETFH  
DWITGNKRPNSSGLIQVVTDDGKTELTPAYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	25.6 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_077198</a>
Locus ID:	110391
UniProt ID:	<a href="#">Q8BVI4</a>
RefSeq Size:	1394



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<b>Cytogenetics:</b>	5 24.9 cM
<b>RefSeq ORF:</b>	726
<b>Synonyms:</b>	2610008L04Rik; D5Ert371e; Dhpr; PKU2
<b>Summary:</b>	The product of this enzyme, tetrahydrobiopterin (BH-4), is an essential cofactor for phenylalanine, tyrosine, and tryptophan hydroxylases.[UniProtKB/Swiss-Prot Function]