

Product datasheet for **TP508215**

Cyp4b1 (NM_007823) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 4, subfamily b, polypeptide 1 (Cyp4b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208215 protein sequence Red =Cloning site Green =Tags(s)

MALSFLSPSLRGLWASVILMVTVLKLLSLLFRRQKLARALDSFPGPPKHWLFGHALEIQKTGGLDKV
VTWTEQFPYAHPLWLGQFIVFLNIYEPDYAKAVYSRGDPKAAVYDFFLQWIGKGLLVLEGPKWQHRKL
LTPGFHYDVLKPYVAIFAESTRVMMLDKWEKKASENKSFDIFCDVGHMALDTLMKCTFGKGDGSLSHSDNS
YYLAVSDLTLLMQQRIDSFQYHNDFIYWLTPHGRRFLRACQIAHDHTDHVIRQRKAALQDEKEQKKLQER
RHLDLFDILLGARDESGIKLSADLRAEVDTFMFEGHDTTSGISWFLYCMALYPMHQQRCEEVREILG
DRDSFQWDDLAQMTYLTMCMKECFRLYPPVPQVYRQLSKPVTVDGRSLPAGSLISLHIYALHRNSAVWP
DPEVFDPLRFSPENMTGRHPFAFMFSA GPRNCIGQQFAMNEMKVVTALCLLRFEFSPDPSKIPIKVPQL
ILRSKNGIHLYLKPLGPGSGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	58.9 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:	NP_031849



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Locus ID: 13120

UniProt ID: [Q64462](#), [Q3TNA0](#)

RefSeq Size: 1871

Cytogenetics: 4 53.06 cM

RefSeq ORF: 1536

Summary: Responsible for mutagenic activation of 3-methoxy-4-aminoazobenzene (3-MeO-AAB); a potent procarcinogen. Also active on 2-aminofluorene and 2-aminoanthracene.
[UniProtKB/Swiss-Prot Function]