

Recombinant Mouse Cyp4b1 Protein, Myc/DDK-tagged

Cat. No. Cyp4b1-2421M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytochrome P450, family 4, subfamily b, polypeptide 1 (Cyp4b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Responsible for mutagenic activation of 3-methoxy-4-aminoazobenzene (3-MeO-AAB); a potent procarcinogen. Also active on 2-aminofluorene and 2-aminoanthracene.
Molecular Mass	58.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cyp4b1 cytochrome P450, family 4, subfamily b, polypeptide 1 [Mus musculus (house mouse)]
Official Symbol	Cyp4b1
Synonyms	CYP4B1; cytochrome P450, family 4, subfamily b, polypeptide 1; cytochrome P450 4B1; CYP4VB1; cytochrome P450, subfamily IV B, polypeptide 1
Gene ID	13120
mRNA Refseq	NM_007823
Protein Refseq	NP_031849
UniProt ID	Q64462

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