

## Product datasheet for **TP524092**

### Cyp7a1 (NM\_007824) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 7, subfamily a, polypeptide 1 (Cyp7a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224092 representing NM_007824 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MMSISLIWGIAVVWVSCCIWFIIGIRRRKVGEPPLDNGLIPYLGKALFKGNSPLEFLRAKQRKHGHVFTCK LMGKYVHFITNSLSYHKVLCHGKYFDWKKFHYTTSKAFGHRSIDPSDGNNTENINKTFNKTLQGDALCS LSEAMMQNLQSVMRPPGLPKSKSAVWVTEGMYAFCYRVMFEAGYLTFLGKDISKTDSQRAFIQNNLDSFK QFDQVFPALVAGVPIHLFKTAHKARERLAESLKHKNLYMRDQVSELIRLRMFLNDTLSTFDDMEKAKTHL VILWASQANTIPATFWSLFQMIRSPEAMKAASEEVNGALQSAGQELSSGGNAIYLDQEQLNNLPVLDSII KEALRLSSASLNIRTAKEDFTLHLEDGSGYNIRKDDIIALYPQLMHLDPYDPPLTFKYDRYLDESQKAK TTFYRNGNKLKYFMPFGSGATICPGRFAVQEIQLLMLLSYFELELVESHTKCPPLDQSRAGLGILP PLNDIEFKYKLLKH</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	57.7 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_031850</a>



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Locus ID: 13122

UniProt ID: [Q64505](#)

RefSeq Size: 4172

Cytogenetics: 4 A1

RefSeq ORF: 1509

**Summary:** Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.[UniProtKB/Swiss-Prot Function]