

Product datasheet for **TP500799**

Cyb5a (NM_025797) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome b5 type A (microsomal) (Cyb5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200799 protein sequence Red =Cloning site Green =Tags(s)
	MAGQSDKDKVYYTLEEIQKHKDSKSTWWILHHKVYDLTKFLEEHPGGEEVLREQAGGDATENFEDVGHST DARELSKTYIIGELHPDDRSKIAKPSDTLITTVESNSSWWTNWWIPAISALAVALMYRLYMAED
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	15.2 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_080073
Locus ID:	109672
UniProt ID:	P56395 , Q544Z9
RefSeq Size:	749
Cytogenetics:	18 57.53 cM
RefSeq ORF:	405



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Synonyms: 0610009N12Rik; Cyb5

Summary: Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases. It is also involved in several steps of the sterol biosynthesis pathway, particularly in the C-5 double bond introduction during the C-5 desaturation.[UniProtKB/Swiss-Prot Function]