

Product datasheet for **TP501751**

BC017643 (NM_144832) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome b 245 chaperone 1 (Cybc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201751 protein sequence Red =Cloning site Green =Tags(s)
	MYMQVETRTSTRLHLKRAPGIRSWLLVGLSTGLAAAYSGDSLGWKLFYVTGCLFVAVQNLEDWEEAI FNKNTGKVLKTFSLYKLLTLLRAGHDQVWLLKDIQDVNVEEEKVRYFGKGYMVLRFATGFSHPLTQ SAVMGRRSDVEIAIAKLITSFLELHRLESPSERSQSSDSEPDGPGGQS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.9 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:	<u>NP_659081</u>
Locus ID:	217370
UniProt ID:	<u>Q3TYS2</u>
RefSeq Size:	2483
Cytogenetics:	11 E2



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RefSeq ORF: 564

Synonyms: MGC28978; MGC37062; MGC37382

Summary: Necessary for a stable expression of the CYBA and CYBB subunits of the cytochrome b-245 hetrodimer. Controls the phagocyte respiratory burst and is essential for innate immunity. [UniProtKB/Swiss-Prot Function]