

Product datasheet for **TP504102**

Mmadhc (NM_133839) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methylmalonic aciduria (cobalamin deficiency) cblD type, with homocystinuria (Mmadhc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204102 protein sequence Red =Cloning site Green =Tags(s)
	 MAHVLCNRRARLVSYLPGFCSLVKRVINPRAFSTAGSSGSDSHVATAPPDICSRVWPDETMGPFQDQ RFQLPGNIGFDCHLNGTASQKKSQAHTLPDVLAEPLSTERHEFVMAQYVNEFQDSDAPVEQEINSAETY FESAKVECAIQTCPELLRRDFESLFPEVANSKLMILTVTQKTENDMTVWSEEVEVEREVILLEKFISGAKE ICYALRAEGYWADFIDPSSGVAFFGPYTNNTLFETDERYRHLGFSVDDLGCCKVIRHSLWGTHVWGSIF TNATADSSIMRKLSGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33 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_598600
Locus ID:	109129
UniProt ID:	Q99LS1



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RefSeq Size:	1302
Cytogenetics:	2 C1.1
RefSeq ORF:	891
Synonyms:	2010311D03Rik; AI314967; CblD
Summary:	Involved in cobalamin metabolism. Plays a role in regulating the biosynthesis of two coenzymes, methylcobalamin and adenosylcobalamin. Plays a role in regulating the proportion of methylcobalamin and adenosylcobalamin. Promotes oxidation of cob(II)alamin bound to MMACHC.[UniProtKB/Swiss-Prot Function]