

Product datasheet for TP501423

Dctpp1 (NM_023203) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dCTP pyrophosphatase 1 (Dctpp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201423 protein sequence Red =Cloning site Green =Tags(s)
	MSTAGDGERGTVGQEDSAAARPFRRFSPEPTLEDIRRLHAEFAAERDWEQFHQPRNLLLALVGEVGE LAEL FQWKS DTEPGPQAWPPKERAALQEELSDVLIYLVALAARCHVDLPQAVISKMDTNRQRYPVHLSRGSACK YTDLPRGTISENQAVGAGDPASELRDQAST
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.8 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_075692
Locus ID:	66422
UniProt ID:	Q9QY93
RefSeq Size:	648
Cytogenetics:	7 F3



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RefSeq ORF: 513

Synonyms: 2410015N17Rik; AI854235; RS21-C6

Summary: Hydrolyzes deoxynucleoside triphosphates (dNTPs) to the corresponding nucleoside monophosphates. Has a strong preference for dCTP and its analogs including 5-iodo-dCTP and 5-methyl-dCTP for which it may even have a higher efficiency. May protect DNA or RNA against the incorporation of these genotoxic nucleotide analogs through their catabolism. [UniProtKB/Swiss-Prot Function]