

## Recombinant Mouse Dctpp1 Protein, Myc/DDK-tagged

Cat. No. Dctpp1-2484M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length dCTP pyrophosphatase 1 (Dctpp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	18.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Dctpp1 dCTP pyrophosphatase 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Dctpp1
<b>Synonyms</b>	DCTPP1; dCTP pyrophosphatase 1; dCTPase 1; deoxycytidine-triphosphatase 1; XTP3-transactivated gene A protein homolog; RS21-C6; AI854235; 2410015N17Rik
<b>Gene ID</b>	66422
<b>mRNA Refseq</b>	NM_023203
<b>Protein Refseq</b>	NP_075692
<b>UniProt ID</b>	Q9QY93

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