

Recombinant Mouse Dctpp1 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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

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