

Recombinant Human DCTPP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DCTPP1-3484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DCTPP1 MS Standard C13 and N15-labeled recombinant protein (NP_077001) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is dCTP pyrophosphatase, which converts dCTP to dCMP and inorganic pyrophosphate. The encoded protein also displays weak activity against dTTP and dATP, but none against dGTP. This protein may be responsible for eliminating excess dCTP after DNA synthesis and may prevent overmethylation of CpG islands. Three transcript variants, one protein-coding and the other two non-protein coding, have been found for this gene.
Molecular Mass	18.7 kDa
AA Sequence	MSVAGGEIRGDTGGEDTAAPGRFSFSPEPTLEDIRRLHAEFAAERDWEQFHQPRNL LLALVGEVGELAEFLQWKTDGEPGPQGWSRERAALQEELSDVLIYLVALAARCRV DLPLAVLSKMDINRRRYPAPHLARSSSRKYTELPHGAISEDQAVGPADIPCDSTGQTS TTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DCTPP1 dCTP pyrophosphatase 1 [Homo sapiens (human)]

Official Symbol DCTPP1

Synonyms DCTPP1; dCTP pyrophosphatase 1; CDA03; MGC5627; RS21C6; XTP3 transactivated protein A; XTP3TPA; dCTPase 1; XTP3-transactivated protein A; deoxycytidine-triphosphatase 1; XTP3-transactivated gene A protein;

Gene ID 79077

mRNA Refseq NM_024096

Protein Refseq NP_077001

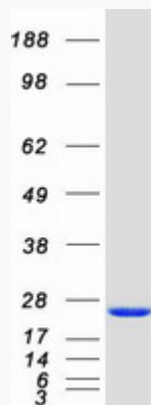
MIM 615840

UniProt ID Q9H773

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SDS-PAGE

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