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 LLALVGEVGELAELFQWKTDGEPGPQGWSPRERAALQEELSDVLIYLVALAARCRV DLPLAVLSKMDINRRRYPAHLARSSSRKYTELPHGAISEDQAVGPADIPCDSTGQTS 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

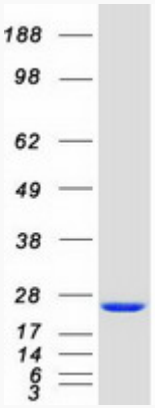
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

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

SDS-PAGE	

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