

Recombinant Full Length Human DCTPP1 Protein, C-Flag-tagged

Cat. No. DCTPP1-2046HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DCTPP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.5 kDa
AA Sequence	MSVAGGEIRGDTGGEDTAAPGRFSFSPEPTLEDIRRLHAEFAAERDWEQFHQPRNL LLALVGEVGE LAEL FQWKTDGEPGPQGWSPRERAALQEELSDVLIYLVALAARCRV DLPLAVLSKMDINRRRYP AHLARSSSRK YTELP HGAISEDQAVGPADIPCDSTGQTS T TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 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

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Stem cell - Pluripotency
Full Length	Full L.

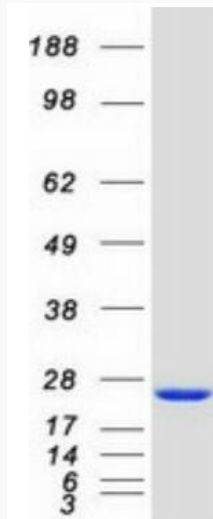
GENE INFORMATION

Gene Name	DCTPP1 dCTP pyrophosphatase 1 [Homo sapiens (human)]
Official Symbol	DCTPP1
Synonyms	CDA03; RS21C6; XTP3TPA
Gene ID	79077
mRNA Refseq	NM_024096.2
Protein Refseq	NP_077001.1
MIM	615840
UniProt ID	Q9H773

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Coomassie blue staining of purified DCTPP1 protein.

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