

Product datasheet for **TP301727**

XTP3TPA (DCTPP1) (NM_024096) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human dCTP pyrophosphatase 1 (DCTPP1), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201727 protein sequence
Red=Cloning site **Green**=Tags(s)

MSVAGGEIRGDTGGEDTAAPGRFSFSPEPTLEDIRRLHAEFAAERDWEQFHQPRNLLLALVGEVGEAEL
FQWKTDGEPGPQGWSRERAALQEELSDVLIYLVALAARCVDLPLAVLSKMDINRRRYP AHLARSSSRK
YTELPHGAISEDQAVGPADIPCDSTGQTST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 18.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_077001](#)

Locus ID: 79077

UniProt ID: [Q9H773](#)

RefSeq Size: 1143



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Cytogenetics: 16p11.2

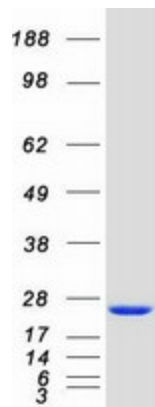
RefSeq ORF: 510

Synonyms: CDA03; RS21C6; XTP3TPA

Summary: 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. [provided by RefSeq, Dec 2015]

Protein Families: Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified DCTPP1 protein (Cat# TP301727). The protein was produced from HEK293T cells transfected with DCTPP1 cDNA clone (Cat# [RC201727]) using MegaTran 2.0 (Cat# [TT210002]).