

## Product datasheet for **AR50206PU-S**

### XTP3TPA / DCTPP1 (1-170, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	XTP3TPA / DCTPP1 (1-170, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSVAGG EIRGDTGGED TAAPGRFSFS PEPTLEDIRR LHAEEFAERD WEQFHQPRNL LLALVGEVGE LAELFQWKTD GEPGPQGWSP RERAAALQEEL SDVLIYLVAL AARCRVDLPL AVLSKMDINR RRYPAHLARS SSRKYTELPH GAISEDQAVG PADIPCDSTG QTST
Tag:	His-tag
Predicted MW:	21.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DCTPP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_077001</a>
Locus ID:	79077
UniProt ID:	<a href="#">Q9H773</a>
Cytogenetics:	16p11.2
Synonyms:	CDA03; RS21C6; XTP3TPA



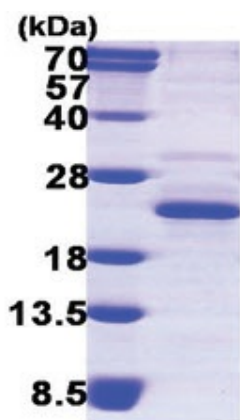
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**Summary:**

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:**

12% SDS-PAGE (3ug)