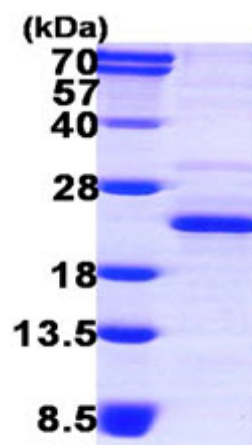


AR50206PU-S

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

Alternate names:	CDA03, Deoxycytidine-triphosphatase 1, RS21-C6, RS21C6, XTP3-transactivated gene A protein, dCTP pyrophosphatase 1, dCTPase 1
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	DCTPP1, also known as dCTP pyrophosphatase 1, contains an epilepsy-associated repeat (EAR) domain that is predicted to participate in protein-protein interactions, most likely involved in ligand recognition. This protein functions to hydrolyze abnormal nucleotide triphosphates (NTPs) in cancer cells that, if unregulated, could be incorporated into nascent DNA or RNA.
Uniprot ID:	Q9H773
NCBI:	NP_077001
GeneID:	79077
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl
Description:	Recombinant human DCTPP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMSVAGG EIRGDTGGED TAAPGRFSFS PEPTLEDIRR LHAEFAAERD WEQFHQPRNL LLALVGEVGE LAELFQWKTD GEPGPQGWSP RERAALQEEL SDVLIYLVAL AARCRVDLPL AVLSKMDINR RRYPAHLARS SSRKYTELPH GAISEDQAVG PADIPCDSTG QTST Molecular weight: 21.2 kDa (194aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Moroz O.V. et al. (2005) J. Mol. Biol. 347: 243-255. Rual J.F. et al. (2005) Nature 437:1173-1178.

Pictures:



12% SDS-PAGE (3ug)