

## 32-2258: DCTPP1 Recombinant Protein

**Alternative Name :** dCTP pyrophosphatase 1,RS21C6,XTP3TPA,Deoxycytidine-triphosphatase 1,dCTPase 1,XTP3-transactivated gene A protein,CDA03,MGC5627,XTP3-transactivated protein A,EC 3.6.1.12.

### Description

Source : E.coli. DCTPP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 194 amino acids (1-170) and having a molecular mass of 21.2kDa.DCTPP1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The DCTPP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMSVAGG EIRGDTGGED TAAPGRFSFS PEPTLEDIRR  
 LHAEEFAAERD WEQFHQPRNL LLALVGEVGE LAELFQWKTD GEPGPQGWSP RERAALQEEL SDVLIYLVAL  
 AACRVLDLPL AVLSKMDINR RRYPAHLARS SSRKYTELPH GAISEDQAVG PADIPCDSTG QTST.

