

dCTP Pyrophosphatase 1 Human Recombinant

Item Number	rAP-1527
Synonyms	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	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.
Uniprot Accesion Number	Q9H773
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMSVAGG EIRGDTGGED TAAPGRFSFS PEPTLEDIRR LHAEEAAERD WEQFHQPRNL LLALVGEVGE LAELFQWKTD GEPGPQGWSP RERAALQEEL SDVLIYL- VAL AARCRVDLPL AVLSKMDINR RRYP AHLARS SSRKYTELPH GAISEDQAVG PADIPCDSTG QTST.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The DCTPP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**