

dCMP Deaminase Human Recombinant

Item Number	rAP-0956
Synonyms	Deoxycytidylate deaminase, EC 3.5.4.12, dCMP Deaminase, DCTD, MGC111062.
Description	DCTD Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 198 amino acids (1-178 a.a.) and having a molecular mass of 22.1 kDa. The DCTD is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P32321
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSEVSKKRD DYLEWPEYFM AVAFLSAQRS KDPNSQVGAC IVNSENKIVG IGYNGMPNGC SDDVLPWRRT AENKLDTKYP YVCHAELNAI MNKNSTDVKG CSMYVALFPC NECAKLIIQA GIKEVIFMSD KYHDSDEATA ARLLFNMAGV TFRKFIPKCS KIVIDFDSIN SRPSQKLQ.
Source	Escherichia 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 DCTD solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA & 20% glycerol. Greater than 90.0% 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 end users! This product is sold for **Research Use Only**