

## Deoxythymidylate Kinase Human Recombinant

<b>Item Number</b>	rAP-1662
<b>Synonyms</b>	Deoxythymidylate Kinase (Thymidylate Kinase), DTMP Kinase, CDC8, TMPK, TYMK, Thymidylate (DTMP) Kinase, EC 2.7.4.9, PP3731, Thymidylate kinase.
<b>Description</b>	DTYMK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-212 a.a) and having a molecular mass of 26kDa.
<b>Uniprot Accession Number</b>	P23919
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MAARRGALIV LEGVDRAGKS TQSRKLVEAL CAAGHRAELL RFPERSTEIG KLLSSYLQKK SDVEDHSVHL LFSANRWEQV PLIKEKLSQG VTLVVDRYAF SGVAFTGAKE NFSLDWCKQP DVGLPKPDLV LFLQLQLA- DA AKRGAFGHER YENGAFAQERA LRCFHQLMKD TTLNWKMVDA SKSIEAVHED IRVLSEDAIR TATEKPLGEL WK.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	DTYMK protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2mM DTT and 0.1M NaCl. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**