

# Human DTYMK Recombinant Protein



RPPB2499

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## Product Information    Protein Information

**Product SKU:**

RPPB2499

**Accession:**

P23919

**Host:**

E.coli.

**Protein description:**

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. DTYMK is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Deoxythymidylate Kinase (Thymidylate Kinase), DTMP Kinase, CDC8, TMPK, TYMK, Thymidylate (DTMP) Kinase, EC 2.7.4.9, PP3731, Thymidylate kinase.

**Formulation:**

DTYMK protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2mM DTT and 0.1M NaCl.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SGLVPRGSH MAARRGALIV LEGVDRAGKS TQSRKLVEAL CAAGHRAELL RFPERSTEIG  
KLLSSYLQKK SDVEDHSVHL LFSANRWEQV PLIKEKLSQG VTLVVDRYAF SGVAFTGAKE NFSLDWCKQP  
DVGLPKPDLV LFLQLQLADA AKRGAFGHER YENGAFQERA LRCFHQLMKD TTLNWKMVDA SKSIEAVHED  
IRVLSEDAIR TATEKPLGEL WK.