

## Recombinant Deoxythymidylate Kinase (DTYMK)

Cat No. :KF-P1930

**表达系统:** E. coli

**蛋白结构序列:** Pro43~Asp190

**蛋白编号:** P23919

**产品别称:** Thymidylate kinase, CDC8, FLJ44192, MGC198617, PP3731, TMPK, TYMK.

**分子量:** 20kDa

**纯度:** >90% as determined by SDS-PAGE.

**内毒素:** ≤10EU/mg as determined by LAL test.

**标签:** N-6His

**冻干 Buffer:** Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

**复溶方式:** Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol 2mM DTT, 0.1M NaCl.

**运输条件:** 2-8℃

**保存条件:** Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

**生物活性:** 待查。

**功能:** 催化胸苷一磷酸(dTMP)磷酸化为胸苷二磷酸(dTDP), dTDP 是 DNA building block dTTP 的前体, Mg<sup>2+</sup> 存在时 ATP 是首选的磷酸基团供体。

仅供科研或生产使用, 不可直接应用于人体。