

Recombinant Cell Division Cycle Protein 25 (CDC25)

Cat No. :KF-P1544

表达系统: E. coli

蛋白结构序列: Leu376~Leu524

蛋白编号: P30304

产品别称: M-phase inducer phosphatase 1, Dual specificity phosphatase Cdc25A, CDC25A2

分子量: 22kDa

纯度: >85% 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 5mM DTT, 20% glycerol, 0.2M NaCl, 1mM EDTA

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: 酪氨酸蛋白磷酸酶，作为剂量依赖性的诱导剂促进有丝分裂的进程

(PubMed:12676925 PubMed:14559997, PubMed:1836978, PubMed:20360007) 直接对 CDK1 进行去磷酸化并刺激其激酶活性 (PubMed:20360007)。在体外实验，也能对与 cyclin-E 结合的 CDK2 进行去磷酸化 (PubMed:20360007)。

仅供科研或生产使用，不可直接应用于人体。