

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

PDK1, 29-436aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03333

第三版

别名: Pyruvate dehydrogenase kinase, isozyme 1.

描述: PDK1 (pyruvate dehydrogenase kinase isoform 1) is involved in the regulation of enzymatic activity of mammalian pyruvate dehydrogenase (PDH) that is a part of a mitochondrial multienzyme complex to catalyze the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. PDK1 has been found to serve as an effective therapeutic target for inhibition of glioblastoma growth.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 7.0) containing 100 mM NaCl, 0.5 mM DTT, 0.1 mM EDTA, 0.1 mM PMSF, 1 mM MgCl<sub>2</sub>, 40% glycerol

分子量: 48.6 kDa (429 aa)

序列:

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MGSSHHHHHSSGLVPRGSHMSSDSGSSPASERGVPGQVDFYARFSPSPLSMKQFLDFGSVNACEKTSFMFLRQELPVRLA  
NIMKEISLLPDNLLRTPSVQLVQSWYIQSLQELLDFKDKSAEDAKAIYDFTDVTIRIRNRHNDVIPTMAQGVIEYKESFGVDP  
VTSQNVQYFLDRFYMSRISIRMLLNQHSLLFGGKGGKSPSHRKHIGSINPNCNVLEVIKIDGYENARRLCDLYYINSPELEEE  
LNAKSPGQPIQVVYVPSHLYHMFELFKNAMRATMEHHANRGVYPIQVHVTLGNEDLTKMSDRGGGVPLRKIDRLF  
NYMYSTAPRPRVETSRAVPLAGFGYGLPISRLYAQYFQGDLKLYSLEGYGTDAVIYIKALSTDSIERLPVYNKAAWKHYNTN  
HEADDWCVPSREPKDMTFRSA
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纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.