

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PKM2, 1-531aa, Human, His tag, E.coli

产品货号: TP03421

第三版

别名:Pyruvate kinase, muscle isoform M2, CTHBP, THBP1, p58, M2-PK, Tumor M2-PK, PK2, PK3, PKM.

描述:PKM2 is an isoenzyme of the glycolytic enzyme pyruvate kinase. This protein catalyzes the production of pyruvate and ATP from phosphoenolpyruvate. PKM2 interacting with Opa proteins, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, is required for bacterial pathogenesis. It is specifically expressed at high levels in tumor cells, and can be measured in plasma of patients with advanced breast cancer.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量:60.1 kDa (551aa)

序列:

MGSSHHHHHHSSGLVPRGSHMSKPHSEAGTAFIQTQQLHAAMADTFLEHMCRLDIDSPITARNTGIICTIGPASRSVETL
KEMIKSGMNVARLNFSHGTHEYHAETIKNVRTATESFASDPILYRPVAVALDTKGPEIRTGLIKSGTAEVELKKGATLKIT
LDNAYMEKCDENILWLDYKNICKVVEVGSKIYVDDGLISLQVKQKGFDFLVTEVENGGSLGSKKGVNLPAAVDLPAVS
EKDIQDLKFGVEQDVMVFASFIRKASDVHEVRKVLGEKGNIKIISKIENHEGVRRFDEILEASDGIMVARGDLGIEIPAE
KVFLAQKMMIGRCNRAGKPVICATQMLESMIKKPRPTRAEGSDVANAVLDGADCIMLSGETAKGDYPLEAVRMQHLLA
REAEAAIYHLQLFEELRRLAPITSDPTEATAVGAVEASFKCCSGAIIVLTKSGRSAHQVARYRPRAPIIAVTRNPQTARQAHL
YRGIFPVLCVQEAWAEDVDLRVNFAMNVGKARGFFKKGDVVIVLTGWRPGSGFTNTMRVVPVP

纯度:> 95% by HPLC

浓度:1 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.