

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。

MAPK3, 1-379aa, Human, His tag, E.coli

产品货号: TP02905

第三版

别名: Mitogen-activated protein kinase 3, ERK1, HS44KDAP, HUMKER1A, P44ERK1, P44MAPK, PRKM3, MAP kinase3

描述: MAPK3 is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This protein is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 45.2 kDa (399aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAAAQGGGGGEPRTTEGVGPGVPGEVEMVKGQPFVGPRTYQLQYIGEGAYGMV
SSAYDHRKTRVAIKKISPFHQTYCQRTLREIQILLRFRHENVIGIRDILRASTLEAMRDVYIVQDLMETDLYKLLKSQQLS
NDHICYFLYQILRGLKYIHSANVLHRDLKPSNLLINTTCDLKICDFGLARIADPEHDHTGFLTEYVATRWRAP EIMLNSKG
YTKSIDIWSVGCILAEMLSNRPIFPKGHYLDQLNHILGILGSPSQEDLNCIINMKARNYLQSLPSKTKVAVAKLFPKSDSKAL
DLLDRMLTFNPNKRITVEEALAHPLYEQYYDPTDEPVAEEPFTFAMELDDLPERLRELIFQETARFQPGVLEAP

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.