

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。

MAPK1, 1-360aa, Human, His tag, E.coli

产品货号: TP02900

第三版

别名: Mitogen-activated protein kinase 1, ERK, ERK2, ERT1, MAPK2, p38, p40, p41, p41mapk, P42MAPK, PRKM1, PRKM2

描述: MAPK1, also known as ERK (extracellular signal-regulated kinase), acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol

分子量: 43.5 kDa (380aa)

序列:

MGSSHHHHHHSSGLVPRGSHMAAAAAAGAGPEMVRGQVFDVGPRTNLSYIGEGAYGMVCSAYDENVNKRVAIKKIS
PFEHQTYCQRTLREIKILLRFRHENIIGINDIIRAPTIEQMKDVYIVQDLMETDLYKLLKTQHLSNDHICYFLYQILRGLKYIH
SANVLHRDLKPSNLLLNTTCDLKICDFGLARVADPDHDHTGFLTEYVATRWRAP EIMLNSKGYTKSIDIWSVGCILA EML
SNRPIFPKGHYLDQLNHILGILGSPSQEDLNCIINLKARNYLLSLPHKNKVPWNRLFPNADSKALDLLDKMLTFNPHKRIEV
EQALAHPLYEQYYDPSDEPIAEAPFKFDMELDDLPEKELKELIFEETARFQPGYRS

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.