

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。

MAP2K2, 1-400aa, Human, His tag, E.coli

产品货号: TP02896

第三版

别名:Dual specificity mitogen-activated protein kinase kinase 2, MAPKK2, MEK2, MKK2, PRKMK2.

描述:MAP2K2, also known as MEK2, belongs to the STE grouping of kinases. Both MEK2 and the related MEK1 are dualspecificity kinases, phosphorylating and activating the mitogen-activated protein kinases ERK1 and ERK2 at T and Y positions within the phosphoacceptor sequence T-E-Y. MAP2K2 is activated by a wide variety of growth factors and cytokines and also by membrane depolarization and calcium influx.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

分子量:46.9 kDa (424aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMLARRKPVLPALTINPTIAEGPSPTSEGASEANLVDLQKKLEELDEQQKKRLEAF
LTQKAKVGEKDDDFERISELGAGNGGVVTKVQHRPSGLIMARKLIHLEIKPAIRNQIIRELQVLHECNSPYIVGFYGFYS
DGEISICMEHMDGGLDQVLKEAKRIPEEILGKVSIAVLRGLAYLREKHQIMHRDVKPSNILVNSRGEIKLCDFGVSGQLIDS
MANSFVGTRSYMAPERLQGTHYSVQSDIWSMGLSLVELAVGRYPPIPPDAKELEAIFGRPVDGEEGEPHSISPRPRPPGRP
VSGHGMDSRPAMAFELLDYIVNEPPPPLPNGVFTPDFQEFVNKCLIKNPAERADLKMLTNHTFIKRSEVEEVDFAWGLCK
TLRLNQPGETPRTAV

纯度:> 95% by HPLC

浓度:0.25 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.