

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。

MAPK12, 1-367aa, Human, His tag, E.coli

产品货号: TP02902

第三版

别名: Mitogen-activated protein kinase 12, ERK3, ERK6, P38GAMMA, PRKM12, SAPK-3, SAPK3.

描述: Mitogen-activated protein kinase 12, also known as MAPK12, belongs to the MAP kinase family. MAPK12 functions as a signal transducer during differentiation of myoblasts to myotubes. Expressed in different areas throughout the body with common expression patterns in heart, p38 proteins use magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量: 44.1 kDa (387aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSSPPPARSGFYRQEVTKTAWEVRAVYRDLQPVGSGAYGAVCSAVDGRGTGAKVAIKKL
YRPFQSELEAKRAYRELRLKHMRENHENVIGLLDVFTPDETLDDFTDFYLVMPFMGTDLGKLMKHEKLGEDRIQFLVYQML
KGLRYIHAAGIIHRDLKPGNLAVNEDCELKILDFGLARQADSEMTGYVVTRWYRAPEVILNWMRYTQTVDIWSVGCIMA
EMITGKTLFKGSDHLDQLKEIMKVTGTPPAEFVQRLQSDEAKNYMKGLPELEKKDFASILTNASPLAVNLEKMLVLDAEQ
RVTAGEALAHYPYFESLHDTDEPQVQKYDDSFDDVDRTLDEWKRVTYKEVLSFKPPRQLGARVSKETPL

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.