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MAP2K6, 53-314aa, Human, His tag, E.coli

产品货号: TP02899

第三版

别名: Mitogen-activated protein kinase kinase 6, MEK6, MKK6, MAPKK6, PRKMK6, SAPKK3

**描述:** MAP2K6 is a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, MAP2K6 is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. Recombinant human MAP2K6, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:** Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

**分子量:** 32.0 kDa (383aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMLEPIMELGRGAYGVVEKMRHVPSGQIMAVKRIRATVNSQEQKRLMDLDISMRTVDC  
PFTVTFYGALFREGDVWICMELMDTSLDKFYKQVIDKGQTIPEDILGKIAVSIVKALEHLHSLKLSVIHRDVKPSNVLINALG  
QVKMCDFGISGYLVDEVAKEIDAGCKPYMAPERINPELNQKGYSVKSDIWSLGITMIELAILRFPYDSWGTFPQQLKQVVE  
EPSPQLPADKFSAEFVDFTSQCLKKNSKERPTYPELMQHPPF

**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.