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MAP2K6, 1-334aa, Human, His tag, Insect cell

产品货号: TP02898

第三版

别名: Dual specificity mitogen-activated protein kinase kinase 6, MAPKK6, MEK6, MKK6, PRKMK6, SAPKK-3, SAPKK3

描述: MAP2K6, also known as dual specificity mitogen-activated protein kinase kinase 6, 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, this gene 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 C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH7.4), 20% glycerol.

分子量: 38.3kDa (340aa) confirmed by MALDI-TOF. 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

MSQSKGKRNPLKIPKEAFEQPQTSSTPPRDLSKACISIGNQNFVKADDLEPIMELGRGAYGVVEKMRHVPSGQIMA  
VKRIRATVNSQEQKRLMDLDISMRTVDPCFTVTFYGALFREGDVVICMELMDTSLDKFYKQVIDKGQTIPEDILGKIAVS  
IVKALEHLHSLSVIHRDVKPSNVLINALGQVKMCDGFIGYLVDSVAKTIDAGCKPYMAPERINPELNQKGYSVKSDIWS  
LGITMIELAILRFPYDSWGTPFQQLKQVVEEPPQLPADKFSAEFVDFTSQCLKKNKERPTYPELMQHPPFTLHESKGTDV  
ASFVKLILGDHHHHHH

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by absorbance at 280nm)

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.