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MAPKAPK3, 1-382aa, Human, His tag, E.coli

产品货号: TP02908

第三版

别名: MAP kinase-activated protein kinase 3, 3PK, MAPKAP-K3, MAPKAP3, MAPKAPK-3, MK-3

描述: MAP kinase-activated protein kinase 3, also known as MAPKAPK3, is involved in inflammatory response by regulating tumor necrosis factor (TNF) and IL6 production post-transcriptionally: acts by phosphorylating AU-rich elements (AREs)-binding proteins, such as TTP/ZFP36, leading to regulate the stability and translation of TNF and IL6 mRNAs. Phosphorylation of TTP/ZFP36, a major post-transcriptional regulator of TNF, promotes its binding to 14-3-3 proteins and reduces its ARE mRNA affinity leading to inhibition of dependent degradation of ARE-containing transcript.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

分子量: 45.4 kDa (405aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM DGETAEEQGGVPPPVAPGGPGLGGAPGGRREP KKYAVTDDYQLSKQVLGLGV
NGKVLECFHRRTGQKCALKLLYDSPKARQEV DHHWQASGGPHVCILDVYENMHHGKRCLLIIMECEGGELFSRIQER
GDQAFTEREAAEIMRDIGTAIQFLHSHNIAHRDVKPENLLYTSKEKDAVLKLTDFGFAKETTQNALQTPCYTPYYVAPEVL
GPEKYDKSCDMWSLGVIMYILLCGFPFYSNTGQAISPGMKRRIRLGQYGFNP EWSEVEDAKQLIRLLLKTDPTERLTIT
QFMNHPWINQSMVVPQTPLHTARVLQEDKDH WDEVKEEMTSALATMRVDYDQVKIKDLKTSNNRLLNKRRKKQAGS
SSASQGCNNQ

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.