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DUSP6, 1-381aa, Human, His tag, E.coli

产品货号: TP01942

第三版

别名: Dual specificity phosphatase 6 isoform a, MKP3, PYST1

**描述:** DUSP6 is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. Recombinant human DUSP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:** 44.4 kDa (401aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMIDTLRPVFASEMAISKTVAWLNEQLELGNERLLLMDCRPQELYESSHIESAINVAIPGI  
MLRRLQKGNLPVRALFTRGEDRDRFTRRCGTDTVVLYDESSDWNENTGGESVLGLLKLLKDEGCRAFYLEGGFSKFQA  
EFSLHCETNLDGSCSSSPPLPVLGLGGLRISDSSSDIESDLDRDPNSATDSDGSPLSNSQPSFPVEILPFLYLGCARDSTNLDV  
LEEFGIKYILNVTPNLPNLFENAGEFKYKQIPISDHWSQNLSQFFPEAISFIDEARGKNCGLVHCLAGISRSVTVTVAYLMQ  
KLNLSMNDAYDIVKMKKSNISPNFNFMGQLLDFERTLGLSSPCDNRVPAQQLYFTTPSNQNVYQVDSLQST

**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.