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MXD3, 1-206aa Human, His tag, E.coli

产品货号: TP03057

第三版

别名: Max dimerization protein 3, BHLHC13, MAD3, MYX

描述: MXD3 is a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described. Recombinant human MXD3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 25.9 kDa (229aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMEPLASNIQVLLQAAEFLERREREAEHGYASLCPHRSPGPIHRRKKRPPQAPGAQDS  
GRSVHNELEKRRRAQLKRCLERLQKQMPGADDCARYTTLSLLRRARMHIQKLEDQEQRARQLKERLRSKQQLRQLEQ  
LRGLAGAAERERLRADSLDSSGLSSERSDSDQEELEVDVESLVFGGEAELLRGFVAGQEHSYSHGGGAWL

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.