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JDP2, 1-163aa, Human His tag, E.coli

产品货号: TP02707

第三版

别名:Jun dimerization protein 2 , JUNDM2

描述:Jun dimerization protein 2, also known as JDP2, is a component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. This protein is involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumorigenesis. JDP2 can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. It may control transcription via direct regulation of the modification of histones and the assembly of chromatin. Recombinant human JDP2 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 0.2M NaCl, 50% glycerol, 1mM DTT, 1mM EDTA, 250mM imidazole

分子量:21.2 kDa (187aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMMPGQIPDPSVTTGSLPGLGPLTGLPSSALTVEELKYADIRNLGAMIAPLHFLEVK
LGKRPQPVKSELDEEEERRRREKNKVAARCRNKKKERTEFLQRESERLELMNAELKTQIEELKQERQQLILMLNRHRP
TCIVRTDSVKTPESEGNPLLEQLEKK

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.