

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

KLF12, 1-402aa, Human, His tag, E.coli

产品货号: TP02733

第三版

别名: Krueppel-like factor 12, AP-2rep, AP2REP, HSPC122

描述: KLF12, as known as Krueppel-like factor 12, is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human KLF12 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量: 46.6 kDa(425aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMNIHMKRRTIKNINTFENRMLMLDGMFAVRVKTELLESEQGSPNVHNYPDMEAV
PLLLNNVKGEPPEDSLVDHFQTQTEPVDLSINKARTSPTAVSSSPVSMTASASSPSTSTSSSSSRASSPTVITSVSSASSSTV
LTPGPLVASASGVGGQQLFHIIHPVPPSSPMNLQSNKLSHVHRIPVVVQSVPVVYTAVRSPGNVNTIVVPLLEDGRGHG
KAQMDPRGLSPRQSKSDSDDDLPNVTLDSVNETGSTALSARAVQEVHPSPVSRVGRNRMNNQKFPCSI SPFSIESTRRQR
RSESPDSRKRRIHRCDFEGCNKVYTKSSHLKAHRRRHTHTGEKPYKCTWEGCTWKFARSDDELTRHYRKHTGVKPFKCADCD
RSFSRSDHLALHRRRHMLV

纯度: > 95% by HPLC

浓度: 0.5mg/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.