

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

RFXANK, 1-237aa, Human, His tag, E.coli

产品货号: TP03720

第三版

别名:DNA-binding protein RFXANK isoform b, ANKRA1, BLS, F14150_1, RFX-B

描述:RFXANK, along with regulatory factor X-associated protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity. Recombinant human RFXANK 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, 20% glycerol.

分子量:28 kDa (260aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMELTQPAEDLIQTQQTPASELGDPEDPGEEAADGS DTVVLSLFPCTPEPVNPEPDAS
VSSPQGSSLKHSTTLTNRQRGNEVSALPATLDCDNLVKNPDERGFTPLIWASAFGEIETVRFLEWGADPHILAKERESALS
ASTGGYTDIVGLLLERDVDINIYDWNGGTPLLYAVRGNHVKCV EALLARGADLTTEADSGYTPMDLAVALGYRKVQQVI
ENHILKLFQSNLVPADPE

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.