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32-4638: Recombinant Human Regulatory Factor X-Associated Ankyrin-Containing Protein

Alternative Name :
ANKRA1,BLS,F14150_1,RFX-B,DNA-binding protein RFXANK,Ankyrin repeat family A protein 1,Regulatory factor X subunit B,Regulatory factor X-associated ankyrin-containing protein,RFXANK,RFXB.

Description

Source : Escherichia Coli. RFXANK Human Recombinant produced in E. coli is a single polypeptide chain containing 260 amino acids (1-237) and having a molecular mass of 28kDa. RFXANK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Regulatory Factor X-Associated Ankyrin-Containing Protein (RFXANK) contains ankyrin repeats involved in protein-protein interactions. RFXANK, along with regulatory factor X-associated protein and regulatory factor-5, figures a complex which binds to the X box motif of certain MHC class II gene promoters and activates their transcription. After 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. Mutations in RFXANK have been linked to bare lymphocyte syndrome type II, complementation group B.

Product Info

Amount :	10 μg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The RFXANK solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMELTQPA EDLIQTQQTP ASELGDPEDP GEEAADGSDT VVLSLFPCTP EPVNPEPDAS VSSPQGSSLK HSTTLTNRQR GNEVSALPAT LDCDNLVNKP DERGFTPLIW ASAFGEIETV RFLLEWGADP HILAKERESA LSLASTGGYT DIVGLLLERD VDINIYDWNG GTPLLYAVRG NHVKCVEALL ARGADLTTEA DSGYTPMDLA VALGYRKVQQ VIENHILKLF QSNLVPADPE.