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RFXANK Human

Regulatory Factor X-Associated Ankyrin-Containing Protein Human Recombinant RCP1851

Product Overview

Name	RFXANK Human
Description	
Regulatory Factor X-Associated Ankyrin-Containing Protein Human Recombinant	
Accession (Primary)	O14593
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RFXANK solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MELTQPA EDLIQTQQTP ASELGDPEDP GEEAADGSDT VVLSLFPCTP EPVNPEPDAS VSSPQGSSLK HSTTLTNRQR GNEVSALPAT LDCDNLVNKP DERGFTPLIW ASAFGEIETV	

RFLLEWGADP HILAKERESA LSLASTGGYT DIVGLLLERD VDINIYDWNG GTPLLYAVRG NHVKCVEALL ARGADLTTEA DSGYTPMDLA VALGYRKVQQ VIENHILKLF QSNLVPADPE.

Precautions

RFXANK Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14593)