

Recombinant Human RFXANK 293 Cell Lysate

Cat. No. RFXANK-2393HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for regulatory factor X-associated ankyrin-containing protein (RFXANK), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name RFXANK regulatory factor X-associated ankyrin-containing protein [Homo sapiens]

Official Symbol RFXANK

Synonyms RFXANK; regulatory factor X-associated ankyrin-containing protein; DNA-binding protein RFXANK; ANKRA1; ankyrin repeat containing regulatory factor X associated protein; BLS; DNA binding protein RFXANK; F14150_1; MGC138628; regulatory factor X subunit B; RFX B; RFX Bdelta4; RFX-Bdelta4; ankyrin repeat family A protein 1; ankyrin repeat-containing regulatory factor X-associated protein; RFX-B;

Gene ID 8625

mRNA Refseq NM_003721

Protein Refseq NP_003712

MIM 603200

UniProt ID O14593

Chromosome Location 19p12

Pathway Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; EGFR1 Signaling Pathway,

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organism-specific biosystem; Primary immunodeficiency, organism-specific biosystem; Primary immunodeficiency, conserved biosystem; Signaling events mediated by HDAC Class II, organism-specific biosystem; Tuberculosis, organism-specific biosystem;

Function

DNA binding; histone deacetylase binding; sequence-specific DNA binding transcription factor activity; transcription cofactor activity;

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