

Recombinant Human RFX5 293 Cell Lysate

Cat. No. RFX5-2396HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for regulatory factor X, 5 (influences HLA class II expression) (RFX5), 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.

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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 RFX5 regulatory factor X, 5 (influences HLA class II expression) [Homo sapiens]

Official Symbol RFX5

Synonyms RFX5; regulatory factor X, 5 (influences HLA class II expression); DNA-binding protein RFX5; regulatory factor X 5;

Gene ID 5993

mRNA Refseq NM_000449

Protein Refseq NP_000440

MIM 601863

UniProt ID P48382

Chromosome Location 1q21

Pathway Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Primary immunodeficiency, organism-specific biosystem; Primary immunodeficiency, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;

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Function

DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;

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