

Recombinant Human RBP5 293 Cell Lysate

Cat. No. RBP5-2456HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for retinol binding protein 5, cellular (RBP5) 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

RBP5 retinol binding protein 5, cellular [Homo sapiens]

Official Symbol

RBP5

Synonyms

RBP5; retinol binding protein 5, cellular; retinol-binding protein 5; CRBPIII; HRBPiso; retinol-binding protein 5, cellular; cellular retinol-binding protein III; putative cellular retinol-binding protein CRBP III; CRBP3; CRBP-III;

Gene ID

83758

mRNA Refseq

NM_031491

Protein Refseq

NP_113679

MIM

611866

UniProt ID

P82980

**Chromosome
Location**

12p13.31

Function

lipid binding; retinal binding; retinoid binding; retinol binding; transporter activity;

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