

Recombinant Human RBBP7 293 Cell Lysate

Cat. No. RBBP7-2489HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for retinoblastoma binding protein 7 (RBBP7) 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

[RBBP7 retinoblastoma binding protein 7 \[Homo sapiens \]](#)

Official Symbol

RBBP7

Synonyms

RBBP7; retinoblastoma binding protein 7; histone-binding protein RBBP7; G1/S transition control protein binding protein RbAp46; histone acetyltransferase type B subunit 2; RbAp46; retinoblastoma binding protein p46; retinoblastoma binding protein RbAp46; RBBP-7; retinoblastoma-binding protein 7; retinoblastoma-binding protein p46; retinoblastoma-binding protein RbAp46; nucleosome-remodeling factor subunit RBAP46; G1/S transition control protein-binding protein RbAp46; MGC138867; MGC138868;

Gene ID

[5931](#)

mRNA Refseq

[NM_001198719](#)

Protein Refseq

[NP_001185648](#)

MIM

[300825](#)

UniProt ID

[Q16576](#)

**Chromosome
Location**

Xp22.22

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Pathway

Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Nucleosome assembly, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem;

Function

protein binding;

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