

## Recombinant Human RBBP7 293 Cell Lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

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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

**Pathway** Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the

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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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