

Recombinant Human RUVBL2 293 Cell Lysate

Cat. No. RUVBL2-2104HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RuvB-like 2 (E. coli) (RUVBL2) 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

[RUVBL2 RuvB-like 2 \(E. coli\) \[Homo sapiens \]](#)

Official Symbol

RUVBL2

Synonyms

RUVBL2; RuvB-like 2 (E. coli); RuvB (E coli homolog) like 2; ruvB-like 2; ECP51; INO80 complex subunit J; INO80J; reptin; Reptin52; Rvb2; RVB2; TIH2; TIP48; TIP49b; ECP-51; reptin 52; TAP54-beta; reptin52 protein; repressing pontin 52; RuvB (E coli homolog)-like 2; 48 kDa TBP-interacting protein; TBP-interacting protein, 48-KD; TIP60-associated protein 54-beta; 51 kDa erythrocyte cytosolic protein; erythrocyte cytosolic protein, 51-KD; 48 kDa TATA box-binding protein-interacting protein; CGI-46; REPTIN; TIP49B;

Gene ID

[10856](#)

mRNA Refseq

[NM_006666](#)

Protein Refseq

[NP_006657](#)

MIM

[604788](#)

UniProt ID

[Q9Y230](#)

**Chromosome
Location**

19q13.3

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Pathway

ATF-2 transcription factor network, organism-specific biosystem; C-MYC pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Extension of Telomeres, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; Telomere Extension By Telomerase, organism-specific biosystem;

Function

ATP binding; ATP-dependent DNA helicase activity; contributes_to ATPase activity; DNA helicase activity; damaged DNA binding; hydrolase activity; identical protein binding; identical protein binding; nucleotide binding; protein binding; unfolded protein binding;

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