

Recombinant Human PWP2 293 Cell Lysate

Cat. No. PWP2-2655HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PWP2 periodic tryptophan protein homolog (yeast) (PWP2) 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	PWP2 PWP2 periodic tryptophan protein homolog (yeast) [Homo sapiens]
Official Symbol	PWP2
Synonyms	PWP2; PWP2 periodic tryptophan protein homolog (yeast); PWP2 (periodic tryptophan protein, yeast) homolog , PWP2H; periodic tryptophan protein 2 homolog; EHOC 17; UTP1; PWP2H; EHOC-17;
Gene ID	5822
mRNA Refseq	NM_005049
Protein Refseq	NP_005040
MIM	601475
UniProt ID	Q15269
Chromosome Location	21q22.3
Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	signal transducer activity;

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