

Recombinant Human PHF5A 293 Cell Lysate

Cat. No. PHF5A-3226HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for PHD finger protein 5A (PHF5A) 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

PHF5A PHD finger protein 5A [Homo sapiens]

Official Symbol

PHF5A

Synonyms

PHF5A; PHD finger protein 5A; PHD finger-like domain-containing protein 5A; bK223H9.2; INI; MGC1346; Rds3; SAP14b; SF3b14b; PHD-finger 5a; PHD finger-like domain protein 5A; splicing factor 3B associated 14 kDa protein; splicing factor 3B-associated 14 kDa protein;

Gene ID

84844

mRNA Refseq

NM_032758

Protein Refseq

NP_116147

UniProt ID

Q7RTV0

Chromosome Location

22q13.2

Pathway

Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U2-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;

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Function

DNA binding; sequence-specific DNA binding transcription factor activity;

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