

Recombinant Human PHF1 cell lysate

Cat. No. PHF1-1344HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PHF1 PHD finger protein 1 [Homo sapiens]
Official Symbol	PHF1
Synonyms	PHF1; PHD finger protein 1; MTF2L2; hPCL1; polycomb-like protein 1; PCL1; PHF2;

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Gene ID	5252
mRNA Refseq	NM_002636
Protein Refseq	NP_002627
MIM	602881
UniProt ID	O43189
Chromosome Location	6p21.3
Function	metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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