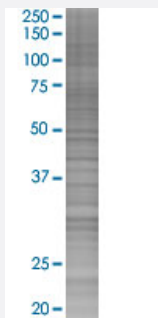


PHF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005252-T01

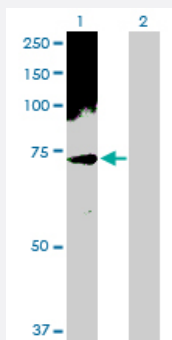
Size 100 uL

Applications



SDS-PAGE Gel

PHF1 transfected lysate.



Western Blot

Lane 1: PHF1 transfected lysate (62.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PHF1 full-length
Host	Human
Theoretical MW (kDa)	62.1
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PHF1 antibody ([H00005252-D01P](#)) by Western Blots.
SDS-PAGE Gel
PHF1 transfected lysate.
Western Blot
Lane 1: PHF1 transfected lysate (62.10 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PHF1

Entrez GeneID

[5252](#)

GeneBank Accession#

[NM_024165.1](#)

Protein Accession#

[NP_077084.1](#)

Gene Name

PHF1

Gene Alias

MTF2L2, PCL1, PHF2

Gene Description

PHD finger protein 1

Omim ID

[602881](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000029139|OTTHUMP00000029140

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Neuroblastoma](#)