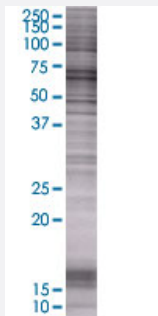


HDAC1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003065-T01

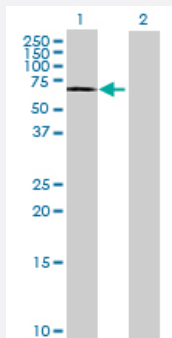
Size 100 uL

Applications



SDS-PAGE Gel

HDAC1 transfected lysate.



Western Blot

Lane 1: HDAC1 transfected lysate (53.13 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HDAC1 full-length
Host	Human
Theoretical MW (kDa)	53.13
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HDAC1 antibody ([H00003065-B01](#)) by Western Blots.
SDS-PAGE Gel
HDAC1 transfected lysate.
Western Blot
Lane 1: HDAC1 transfected lysate (53.13 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 — HDAC1

Entrez GeneID

[3065](#)

GeneBank Accession#

[NM_004964.2](#)

Protein Accession#

[NP_004955.2](#)

Gene Name

HDAC1

Gene Alias

DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1

Gene Description

histone deacetylase 1

Omim ID

[601241](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]

Other Designations

OTTHUMP00000008745|reduced potassium dependency, yeast homolog-like 1

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Mental Status Schedule](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)