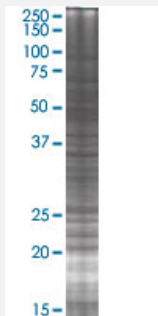


HDAC4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009759-T02

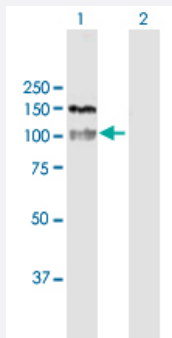
Size 100 uL

Applications



SDS-PAGE Gel

HDAC4 transfected lysate.



Western Blot

Lane 1: HDAC4 transfected lysate (106.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HDAC4 full-length
Host	Human
Theoretical MW (kDa)	106.4
Interspecies Antigen Sequence	Mouse (92); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HDAC4 antibody ([H00009759-D01P](#)) by Western Blots.

SDS-PAGE Gel

HDAC4 transfected lysate.

Western Blot

Lane 1: HDAC4 transfected lysate (106.4 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 — HDAC4

Entrez GeneID

[9759](#)

GeneBank Accession#

[BC039904.1](#)

Protein Accession#

[AAH39904.1](#)

Gene Name

HDAC4

Gene Alias

HA6116, HD4, HDAC-A, HDACA, KIAA0288

Gene Description

histone deacetylase 4

Omim ID

[605314](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3. [provided by RefSeq]

Other Designations

histone deacetylase A

Disease

- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mouth Abnormalities](#)
- [Schizophrenia](#)