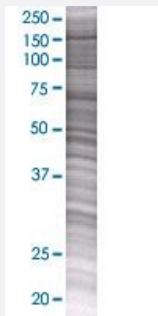


HDAC9 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009734-T01

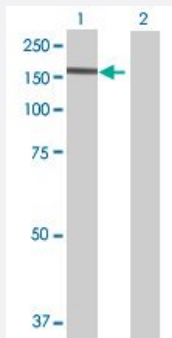
Size 100 uL

Applications



SDS-PAGE Gel

HDAC9 transfected lysate.



Western Blot

Lane 1: HDAC9 transfected lysate (117.7 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HDAC9 full-length
Host	Human
Theoretical MW (kDa)	117.7
Interspecies Antigen Sequence	Mouse (92); Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HDAC9 antibody ([H00009734-B01](#)) by Western Blots.
SDS-PAGE Gel
HDAC9 transfected lysate.
Western Blot
Lane 1: HDAC9 transfected lysate (117.7 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 — HDAC9

Entrez GeneID

[9734](#)

GeneBank Accession#

[NM_178425.1](#)

Protein Accession#

[NP_848512.1](#)

Gene Name

HDAC9

Gene Alias

DKFZp779K1053, HD7, HDAC, HDAC7, HDAC7B, HDAC9B, HDAC9FL, HDRP, KIAA0744, MITR

Gene Description

histone deacetylase 9

Omim ID

[606543](#)

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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to the Xenopus and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined. [provided by RefSeq]

Other Designations

MEF-2 interacting transcription repressor (MITR) protein|histone deacetylase 4/5-related protein|h
istone deacetylase 7|histone deacetylase 7B

Disease

- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
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- [Edema](#)
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- [Tobacco Use Disorder](#)