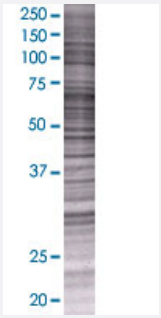
HDAC7A 293T Cell Transient Overexpression Lysate(Denatured)

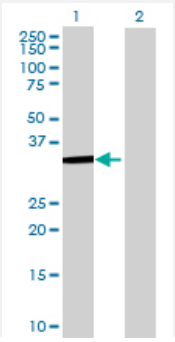
Catalog # H00051564-T01 Size 100 uL

Applications



SDS-PAGE Gel

HDAC7A transfected lysate.



Western Blot

Lane 1: HDAC7A transfected lysate (30.47 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HDAC7A full-length
Host	Human
Theoretical MW (kDa)	30.47
Interspecies Antigen Sequence	Mouse (95); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-HDAC7A antibody (H00051564-B01) by Western Blots. SDS-PAGE Gel HDAC7A transfected lysate. Western Blot Lane 1: HDAC7A transfected lysate (30.47 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 — HDAC7

Entrez GeneID	51564
GeneBank Accession#	BC006453.1
Protein Accession#	AAH06453.1
Gene Name	HDAC7
Gene Alias	DKFZp586J0917, FLJ99588, HD7A, HDAC7A
Gene Description	histone deacetylase 7
Omim ID	606542
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 mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	histone deacetylase 7A

Disease

- Asthma
- Cardiovascular Diseases
- Celiac Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease