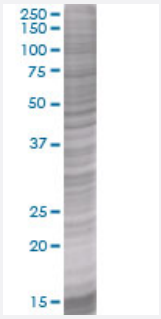
SIRT2 293T Cell Transient Overexpression Lysate(Denatured)

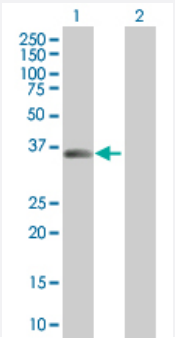
Catalog # H00022933-T01 Size 100 uL

Applications



SDS-PAGE Gel

SIRT2 transfected lysate.



Western Blot

Lane 1: SIRT2 transfected lysate (39.5 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SIRT2 full-length
Host	Human
Theoretical MW (kDa)	39.54
Interspecies Antigen Sequence	Mouse (87); Rat (87)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SIRT2 antibody (H00022933-B01) by Western Blots. SDS-PAGE Gel SIRT2 transfected lysate. Western Blot Lane 1: SIRT2 transfected lysate (39.5 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 — SIRT2

Entrez GeneID	22933
GeneBank Accession#	NM_030593
Protein Accession#	NP_085096
Gene Name	SIRT2
Gene Alias	SIR2, SIR2L, SIR2L2
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)
Omim ID	604480
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two transcript variants result from alternative splicing of this gene. [provided by RefSeq
Other Designations	silencing information regulator 2-like|silent information regulator 2|sir2-related protein type 2|sirtuin 2|sirtuin type 2