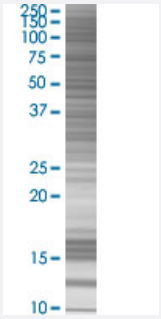
SIRT6 293T Cell Transient Overexpression Lysate(Denatured)

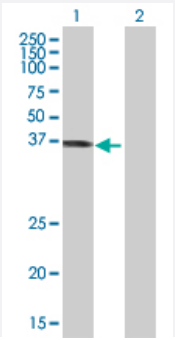
Catalog # H00051548-T01 Size 100 uL

Applications



SDS-PAGE Gel

SIRT6 transfected lysate.



Western Blot

Lane 1: SIRT6 transfected lysate (36.19 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SIRT6 full-length
Host	Human
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (76); Rat (75)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SIRT6 antibody (H00051548-B01) by Western Blots. SDS-PAGE Gel SIRT6 transfected lysate. Western Blot Lane 1: SIRT6 transfected lysate (36.19 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 — SIRT6

Entrez GeneID	51548
GeneBank Accession#	BC028220.1
Protein Accession#	-
Gene Name	SIRT6
Gene Alias	SIR2L6
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)
Omim ID	606211
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 IV of the sirtuin family. [provided by RefSeq
Other Designations	sir2-related protein type 6|sirtuin 6|sirtuin type 6