



SIRT7 blocking peptide (CDBP6125)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SIRT7 sirtuin 7 [Homo sapiens (human)]
Official Symbol	SIRT7
Synonyms	SIRT7; sirtuin 7; SIR2L7; NAD-dependent protein deacetylase sirtuin-7; sirtuin type 7; SIR2-like protein 7; sir2-related protein type 7; regulatory protein SIR2 homolog 7; NAD-dependent deacetylase sirtuin-7; silent mating type information regulation 2, <i>S.cerevisiae</i> , homolog 7

Entrez Gene ID	51547
mRNA Refseq	NM_016538
Protein Refseq	NP_057622
UniProt ID	Q9NRC8
Pathway	Signaling events mediated by HDAC Class I; Signaling events mediated by HDAC Class III
Function	NAD ⁺ binding; NAD-dependent histone deacetylase activity (H3-K18 specific); chromatin binding; metal ion binding; protein binding
