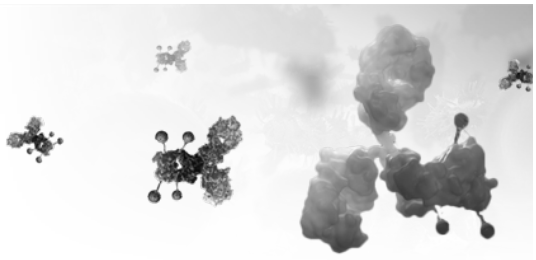

Human SIRT7 blocking peptide (CDBP2686)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-SIRT7 antibody
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 III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2010]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

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Gene Name	SIRT7 sirtuin 7 [Homo sapiens]
Official Symbol	SIRT7
Synonyms	SIRT7; sirtuin 7; sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 7; NAD-dependent deacetylase sirtuin-7; sirtuin type 7; SIR2-like protein 7; sir2-related protein type 7; silent mating type information regulation 2, S.cerevisiae, homolog 7; SIR2L7; MGC126840; MGC126842;
Entrez Gene ID	51547
mRNA Refseq	NM_016538
Protein Refseq	NP_057622
UniProt ID	Q9NRC8
Chromosome Location	17q25.3
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem; Signaling events mediated by HDAC Class III, organism-specific biosystem;
Function	NAD+ binding; hydrolase activity; metal ion binding; protein binding; zinc ion binding;

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