



SIRT4 blocking peptide (CDBP6122)

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	SIRT4 sirtuin 4 [Homo sapiens (human)]
Official Symbol	SIRT4
Synonyms	SIRT4; sirtuin 4; SIR2L4; NAD-dependent protein deacetylase sirtuin-4; sir2-like 4; sirtuin type 4; SIR2-like protein 4; regulatory protein SIR2 homolog 4; NAD-dependent ADP-ribosyltransferase sirtuin-4

Entrez Gene ID	23409
mRNA Refseq	NM_012240
Protein Refseq	NP_036372
UniProt ID	Q9Y6E7
Pathway	Signaling events mediated by HDAC Class I
Function	NAD+ ADP-ribosyltransferase activity; NAD+ ADP-ribosyltransferase activity; NAD+ binding; NOT NAD-dependent protein deacetylase activity; protein binding; zinc ion binding
