



Human SIRT4 blocking peptide (CDBP2684)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SIRT4 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 IV of the sirtuin family. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SIRT4 sirtuin 4 [Homo sapiens]
Official Symbol	SIRT4
Synonyms	SIRT4; sirtuin 4; sirtuin (silent mating type information regulation 2 homolog) 4 (S. cerevisiae) ,

sirtuin (silent mating type information regulation 2, *S. cerevisiae*, homolog) 4; NAD-dependent ADP-ribosyltransferase sirtuin-4; SIR2L4; sir2-like 4; sirtuin type 4; SIR2-like protein 4; MGC57437; MGC130046; MGC130047;

Entrez Gene ID	23409
mRNA Refseq	NM_012240
Protein Refseq	NP_036372
UniProt ID	Q9Y6E7
Chromosome Location	12q24.31
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	NAD+ ADP-ribosyltransferase activity; NAD+ ADP-ribosyltransferase activity; NAD+ binding; NOT NAD-dependent protein deacetylase activity; metal ion binding; protein binding; transferase activity; zinc ion binding;