SIRT2 Direct Fluorescent Screening Assay Kit

Catalog # KA1368 Size 1 Kit

Applications

Result Data

Result Data

Inhibition of SIRT2 by Nicotinamide (IC_{50}= 250 uM).

Specification

Product Description	SIRT2 Direct Fluorescent Screening Assay provides a fluorescence-based method for screening SIRT2 inhibitors or activators.
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at -80°C temporarily. For best results, store the components as described in the protocol.
Note	Result Data Result Data Inhibition of SIRT2 by Nicotinamide (IC_{50}= 250 uM).

Applications

- Functional Study

Gene Info — SIRT2

Entrez GeneID	22933

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Gene Name	SIRT2
Gene Alias	SIR2, SIR2L, SIR2L2
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)
Omim ID	604480
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 cla sses. The functions of human sirtuins have not yet been determined; however, yeast sirtuin protein s 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-ri bosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin famil y. Two transcript variants result from alternative splicing of this gene. [provided by RefSeq
Other Designations	silencing information regulator 2-like|silent information regulator 2|sir2-related protein type 2|sirtui n 2|sirtuin type 2

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