9051 Mira Mesa Blvd, #910094
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SIRT2 Human

Sirtuin 2 Human Recombinant
RCP2106

Product Overview

Name	SIRT2 Human
Description	
Sirtuin 2 Human Recombinant	
Accession (Primary)	Q8IXJ6
Synonyms	
Sirtuin 2, SIR2L2, SIR2-like protein 2, NAD-dependent deacetylase sirtuin-2, Silent Information Regulator 2.	
Introduction	
SIRT2 belongs to the sirtuin family of proteins, homologs to the yeast Sir2 protein. Proteins of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes and take part in various processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SIRT2 protein solution (0.25mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 2mM DTT, 200mM NaCl, 0.5mM EDTA and 30% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MDFLRNLFSQ TLSLGSQKER LLDELTLEGV ARYMQSERCR RVICLVGAGI STSAGIPDFR SPSTGLYDNL EKYHLPYPEA IFEISYFKKH PEPFFALAKE LYPGQFKPTI CHYFMRLLKD KGLLLRCYTQ NIDTLERIAG LEQEDLVEAH GTFYTSHCVS ASCRHEYPLS WMKEKIFSEV TPKCEDCQSL VKPDIVFFGE SLPARFFSCM QSDFLKVDLL LVMGTSLQVQ PFASLISKAP LSTPRLLINK EKAGQSDPFL	

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GMIMGLGGGM DFDSKKAYRD VAWLGECDQG CLALAELLGW KKELEDLVRR EHASIDAQSG AGVPNPSTSA SPKKSPPPAK DEARTTEREK PQ

Precautions

SIRT2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8IXJ6)