9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SIRT6 Human

Sirtuin-6 Human Recombinant
RCP2109

Product Overview

Name	SIRT6 Human
Description	
Sirtuin-6 Human Recombinant	
Accession (Primary)	Q8N6T7
Synonyms	
Mono-ADP-ribosyltransferase sirtuin-6, SIR2-like protein 6, SIRT6, SIR2L6, Sirtuin-6.	
Introduction	
SIRT6 is part of the sirtuin family of proteins (Class IV), homologs to the yeast Sir2 protein. SIRT6 is characterized by a sirtuin core domain. Yeast sirtuin proteins are recognized by their ability to regulate epigenetic gene silencing and suppress recombination of rDNA. SIRT6, a chromatin-associated protein is involved in DNA repair. Human Sirtuins function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SIRT6 protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 & 10% 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSVNYAAGLS PYADKGKCGL PEIFDPPEEL ERKVWELARL VWQSSSVVFH TGAGISTASG IPDFRGPHGV WTMEERGLAP KFDTTFESAR PTQTHMALVQ LERVGLLRFL VSQNVDGLHV RSGFPRDKLA ELHGNMFVEE CAKCKTQYVR DTVVGTMGLK ATGRLCTVAK ARGLRACRGE LRDTILDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK RRGGRLVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMEHLG LEIPAWDGPR VLERALPPLP RPPTPKLEPK EESPTRINGS IPAGPKQEPC AQHNGSEPAS	

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PKRERPTSPA PHRPPKRVKA KAVPS.

Precautions

SIRT6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N6T7)