

Product datasheet for **AR09083PU-N**

SIRT6 (1-355, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SIRT6 (1-355, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MSVNAAAGLS PYADKGGKCGL PEIFDPPEEL ERKVVWELARL VWQSSSVVFH TGAGISTASG IPDFRGPHGV WTMEERGLAP KFDTTFESAR PTQTHMALVQ LERVGLLRFL VSQNVVDGLHV RSGFPRDKLA ELHGNUMFVEE CAKCKTQYVR DTVVGTMLGL ATGRLCTVAK ARGLRACRGE LRDTILDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK RRGGRIVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMEHLG LEIPAWDGPR VLERALPPLP RPPTPKLEPK EESPTRINGS IPAGPKQEPK AQHNGSEPAS PKRERPTSPA PHRPPKRVKA KAVPS
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 8.0, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant SIRT6, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001180214</u>
Locus ID:	51548
UniProt ID:	<u>Q8N6T7</u>
Cytogenetics:	19p13.3
Synonyms:	SIR2L6



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Summary:

This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]

Protein Families:

Druggable Genome, Transcription Factors

Product images: