

Product datasheet for **AR09743PU-N**

SIRT2 / SIR2 (1-352, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SIRT2 / SIR2 (1-352, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MDFLRNLF SQ TSLG SQKER LLEDELTLEGV ARYMQSERC R RVICLVGAGI STSAGIPDFR SPSTGLYDNL EKYHLPYPEA IFEISYFKKH PEPFFALAKE LYPGQFKPTI CHYFMRLKLD KGLLLRCYTQ NIDTLERIA G LEQEDLVEAH GTFYTSHCVS ASCRHEYPLS WMKEKIFSEV TPKCEDCQSL VKPDIVFFGE SLPARFFSCM QSDFLKVDLL LVMGTSLQVQ PFASLISKAP LSTPRLINK EKAGQSDPFL GMIMGLGGGM DFDSKKAYRD VAWLGECDQG CLALAE LLGW KKELEDLVRR EHASIDAQSG AGVNPSTSA SPKKSPPPAK DEARTTEREK PQ
Tag:	His-tag
Predicted MW:	41.7 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 2 mM DTT, 200 mM NaCl, 0.5 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SIRT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001180215
Locus ID:	22933
UniProt ID:	Q8IXJ6 , A0A0A0MRF5
Cytogenetics:	19q13.2



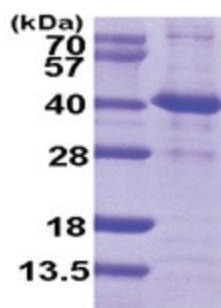
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Synonyms: SIR2; SIR2L; SIR2L2

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 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 I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]

Protein Families: Druggable Genome, Transcription Factors

Product images:



15% SDS-PAGE (3ug)