

Product datasheet for **AR09743PU-S**

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

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | SIRT2 / SIR2 (1-352, His-tag) human recombinant protein, 10 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MDFLRNLF SQ TSLG SQKER LLD E L T L E G V A R Y M Q S E R C R R V I C L V G A G I S T S A G I P D F R S P S T G L Y D N L E K Y H L P Y P E A I F E I S Y F K K H P E P F F A L A K E L Y P G Q F K P T I C H Y F M R L L K D K G L L L R C Y T Q N I D T L E R I A G L E Q E D L V E A H G T F Y T S H C V S A S C R H E Y P L S W M K E K I F S E V T P K C E D C Q S L V K P D I V F F G E S L P A R F F S C M Q S D F L K V D L L L V M G T S L Q V Q P F A S L I S K A P L S T P R L L I N K E K A G Q S D P F L G M I M G L G G G M D F D S K K A Y R D V A W L G E C D Q G C L A L A E L L G W K K E L E D L V R R E H A S I D A Q S G A G V P N P S T S A S P K K S P P P A K D E A R T T E R E K P Q |
| 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 |



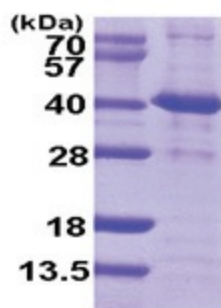
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Synonyms: SIR2; SIR2L; SIR2L2

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)