

Sirtuin 1 Recombinant Protein | SIRT1 recombinant protein

Recombinant Sirtuin 1 (SIRT1)

CATALOG # AAA150275	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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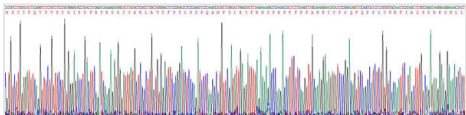
PRODUCT SYNONYMS

Sirtuin 1; Recombinant Sirtuin 1 (SIRT1); SIR2L1; Silent Mating Type Information Regulation 2 Homolog 1; NAD-Dependent Deacetylase Sirtuin-1; SIR2-like protein 1; Sirt1 75 kDa fragment; SIRT1 recombinant protein

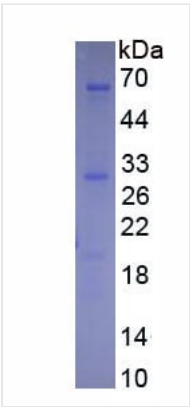
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Met1~Tyr490
Sequence Length	555
Applicable Applications for SIRT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Rat
Tag	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Isoelectric Point	4.7
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SIRT1 recombinant protein	Endocrinology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1035743534
NCBI GeneID	309757
UniProt Accession #	A0A0G2JZ79
Molecular Weight	Predicted Molecular Mass: 58.5kDa Accurate Molecular Mass: 66kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-1
NCBI Official Synonym Full Names	sirtuin 1
NCBI Official Symbol	Sirt1
NCBI Official Synonym Symbols	Sir2
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sirtuin-1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150275>