

SIRT6 recombinant protein

SIRT6, 1-355aa, Human, His tag, E Coli

CATALOG # AAA48499	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

SIRT6; 1-355aa; Human; His tag; E Coli; Sirtuin 6; SIR2L6; Mono-ADP-ribosyltransferase sirtuin-6; SIR2-like protein 6; Sirtuin 6 Mono ADP ribosyltransferase sirtuin 6; SIR2 like protein 6; Sir2 related protein type 6; SIRT 6; Sirtuin (silent mating type information regulation 2 homolog) 6 (S; cerevisiae); Sirtuin type 6; Sirtuin6.; SIRT6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 7.5) containing 20% glycerol, 1mM DTT, 0.1M NaCl, 0.1mM PMSF
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSVNYAAGLS PYADKGKCGL PEIFDPPEEL ERKVWELARL VWQSSSVVFH TGAGISTASG IPDFRGPHGV WTMEERGLAP KFDTTFESAR PTQTHMALVQ LERVGLLRFL VSQNV DGLHV RSGFPRDKLA ELHGNMFVEE CAKCKTQYVR DTVVGTMGLK ATGRLCTVAK ARGLRACRGE LRDITLDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK RRGRLVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMKHLG LEIPAWDGPRLERLPLPL RPPTPKLEPK EESPTRINGS IPAGPKQEPC AQHNGSEPAS PKRERPTSPA PHRPPKRVKA KAVPS
Sequence Length	355
Applicable Applications for SIRT6 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SIRT6 recombinant protein	The SIRT6 is included in class IV of the sirtuin family, homologs to the yeast Sir2 protein. The functions of human sirtuins have not yet been determined; however, in yeast sirtuins are known to regulate epigenetic gene silencing. Also SIRT6, a chromatin-associated protein, appears to be involved in DNA repair. Recombinant SIRT6, fused to His-tag at N-terminus, was expressed in E Coli and purified by conventional chromatography techniques.
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Product Categories/Family for SIRT6 recombinant protein	Cell Cycle
References	Michishita E., et al. (2008) Nature. 452 (7186):492-6.; Mostoslavsky R., et al. (2006) Cell. 124 (2):315-29.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797577
NCBI GeneID	51548
NCBI Accession #	NP_057623
NCBI GenBank Nucleotide #	NM_016539.3
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCDO
Molecular Weight	41 kDa (375 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6 isoform 1
NCBI Official Synonym Full Names	sirtuin 6
NCBI Official Symbol	SIRT6
NCBI Official Synonym Symbols	SIR2L6
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	SIRT6
UniProt Synonym Gene Names	SIR2L6

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/sirt6-recombinant-protein-e-coli-sds-page/48499>