

SIRT2 recombinant protein

SIRT2, 1-352aa, Human, His tag, E Coli

CATALOG # AAA48666	HOST E Coli	APPLICATIONS SDS-Page
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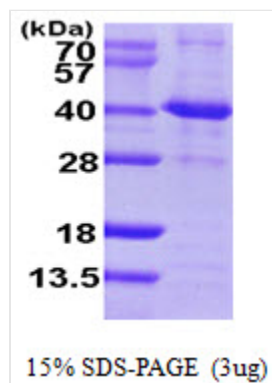
PRODUCT SYNONYMS

SIRT2; 1-352aa; Human; His tag; E Coli; NAD-dependent deacetylase sirtuin-2; SIR2; SIR2L; SIR2L2; SIRT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 30% glycerol, 2mM DTT, 200mM NaCl, 0.5mM EDTA
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MDFLRNLF SQ TSLG SQKER LDEL TLEGV ARYMQSERCR RVICLVGAGI STSAGIPDFR SPSTGLYDNL EKYHLPYEA IFEISYFKKH PEPFFALAKE LYPGQFKPTI CHYFMRLKLD KGLLLRCYTQ NIDTLERIAG LEQEDLVEAH GTFYTSHCVS ASCRHEYPLS WMKEKIFSEV TPKCEDCQSL VKPDIVFFGE SLPARFFSCM QSDFLKVDLL LVMGTSLQVQ PFASLISKAP LSTPRLLINK EKAGQSDPFL GMIMGLGGGM DFDSKAYRD VAWLGECDQG CLALAELLGW KKELEDLVRR EHASIDAQSG AGVNPSTSA SPKKSPPPAK DEARTTEREK PQ
Sequence Length	352
Applicable Applications for SIRT2 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 SIRT2 recombinant protein	SIRT2 (NAD-dependent deacetylase sirtuin-2) is 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 and are involved in diverse processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin. Recombinant human SIRT2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for SIRT2 recombinant protein	Cell Cycle
References	North B.J., et al. (2003) Mol. Cell 11:437-444; Dryden S.C., et al. (2003) Mol. Cell. Biol. 23:3173-3185

NCBI AND UNIPROT INFORMATION

NCBI GI #	13775602
NCBI GeneID	22933
NCBI Accession #	NP_085096
NCBI GenBank Nucleotide #	NM_030593.2
UniProt Accession #	Q8IXJ6; O95889; Q924Y7; Q9P0G8; Q9UNT0; Q9Y6E9; A8K3V1; B2RB45; U5TP13
Molecular Weight	41.7kDa (372aa), confirmed by MALDI-TOF
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2 isoform 2
NCBI Official Synonym Full Names	sirtuin 2
NCBI Official Symbol	SIRT2
NCBI Official Synonym Symbols	SIR2; SIR2L; SIR2L2
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-2
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-2
UniProt Gene Name	SIRT2
UniProt Synonym Gene Names	SIR2L; SIR2L2

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.