

Recombinant Human SIRT1 Protein, His-tagged

Cat. No. SIRT1-1165H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT1 Protein(NP_036370.2) (Met 193-Ser 747) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	193-747 aa
Form	Lyophilized from sterile PBS, pH 7.4, 10% glycerol.
Molecular Mass	The recombinant human SIRT1 consisting of 562 amino acids and has a calculated molecular mass of 62.8 kDa. The apparent molecular mass of the protein is approximately 60-70 kDa in SDS-PAGE under reducing conditions.
Purity	> 65 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	SIRT1 sirtuin 1 [Homo sapiens]
Official Symbol	SIRT1
Synonyms	SIRT1; sirtuin 1; sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae), sirtuin (silent mating type information regulation 2, S. cerevisiae, homolog) 1; NAD-dependent deacetylase sirtuin-1; SIR2L1; hSIR2; hSIRT1; SIR2alpha; sir2-like 1; sirtuin type 1; SIR2-like protein 1;
Gene ID	23411
mRNA Refseq	NM_001142498
Protein Refseq	NP_001135970
MIM	604479
UniProt ID	Q96EB6

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