

Human NAD-Dependent Protein Deacetylase Sirtuin-1 (SIRT1) Protein

Catalogue No.: abx069099

Human NAD-Dependent Protein Deacetylase Sirtuin-1 (SIRT1) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx100641](#)

Target:	NAD-Dependent Protein Deacetylase Sirtuin-1 (SIRT1)
Research Area:	Endocrinology
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96EB6 (UniProt , ExPASy)
Gene Symbol:	SIRT1
GeneID:	23411
KEGG:	hsa:23411
String:	9606.ENSP00000212015

Datasheet

Version: 5.0.0
Revision date: 25 Jun 2025



Molecular Weight: Calculated MW: 30.3 kDa
Observed MW (SDS-PAGE): 19&28 kDa

Sequence Fragment: Glu244-Ala498

Sequence: EDAVKLL QECKKIIVLT GAGVSVSCGI PDFRSRDGIY ARLAVDFPDL PDPQAMFDIE YFRKDPRPFF
KFAKEIYPGQ FQPSLCHKFI ALSDKEGKLL RNYTQNIDTL EQVAGIQRRI QCHGSFATAS
CLICKYKVDC EAVRGDIFNQ VVPRCPRCPA DEPLAIMKPE IVFFGENLPE QFHRAMKYDK
DEVDLLIVIG SSLKVRPVAL IPSSIPHEVP QILINREPLP HLHFDVELLG DCDVIINELC HRLGGEYA

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only