

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

Catalogue No.: abx069100

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

Target:	NAD-Dependent Protein Deacetylase Sirtuin-1 (SIRT1)
Research Area:	Endocrinology
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 97%
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:	Q923E4 (UniProt , ExPASy)
Gene Symbol:	SIRT1
KEGG:	mmu:93759
String:	10090.ENSMUSP00000101082
Molecular Weight:	Calculated MW: 30.0 kDa Observed MW (SDS-PAGE): 30 kDa
Sequence Fragment:	Glu236-Ala490

Datasheet

Version: 1.0.0

Revision date: 24 Jun 2025



Sequence: EDAVK LLQECKKIIV LTGAGVSVSC GIPDFRSRDG IYARLAVDFP DLPDPQAMFD IEYFRKDPRP
FFKFAKEIYP GQFQPSLCHK FIALSDKEGK LLRNYTQNID TLEQVAGIQR ILQCHGSFAT
ASCLICKYKV DCEAVRGDIF NQVVPRCPRC PADEPLAIMK PEIVFFGENL PEQFHRAMKY
DKDEVDLLIV IGSSLKVRPV ALIPSSIPHE VPQILINREP LPHLHFDVEL LGDCDVIINE LCHRLGGEYA

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