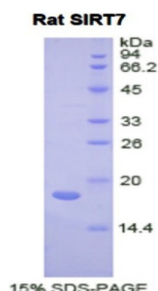


Rat NAD-Dependent Protein Deacetylase Sirtuin-7 (SIRT7) Protein

Catalogue No.: abx069111



SDS-PAGE analysis of Rat NAD-Dependent Protein Deacetylase Sirtuin-7 Protein.

Recombinant NAD-Dependent Protein Deacetylase Sirtuin-7 (SIRT7) is a recombinant Rat protein produced in a Prokaryotic expression system (*E. coli*).

Target: NAD-Dependent Protein Deacetylase Sirtuin-7 (SIRT7)

Research Area: Signal Transduction

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, 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. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: B2RZ55 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0
Revision date: 14 Oct 2025



Gene Symbol: SIRT7

GeneID: [303745](#)

KEGG: rno:303745

Ensembl: ENSRNOG00000036683

String: [10116.ENSRNOP00000051834](#)

Molecular Weight: Calculated MW: 17.0 kDa

Sequence Fragment: Pro135-Val274

Sequence: PVSAAD LSEAEP TLTH MSITQLHKHK LVQHVV SQNC DGLHLRSGLP RTAISLHGN MYIEVCTSCI
PNREYVRVFD VTERTALHRH LTGRTCHKCG TQLRDTIVHF GERGT LGQPL NWEAATEAAS
KADTILCLGS SLKV

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

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.