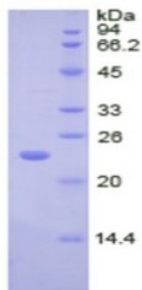


Rat NAD-Dependent Protein Deacetylase Sirtuin-5, Mitochondrial (SIRT5) Protein

Catalogue No.: abx069107



SDS-PAGE analysis of Rat NAD-Dependent Protein Deacetylase Sirtuin-5, Mitochondrial Protein.

Recombinant NAD-Dependent Protein Deacetylase Sirtuin-5, Mitochondrial (SIRT5) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

Target: NAD-Dependent Protein Deacetylase Sirtuin-5, Mitochondrial (SIRT5)

Research Area: Signal Transduction

Origin: Rat

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 97%

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 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM 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.

Datasheet

Version: 2.0.0
Revision date: 17 Oct 2025



UniProt Primary AC: Q68FX9 ([UniProt](#), [ExPASy](#))

Gene Symbol: SIRT5

GeneID: [306840](#)

KEGG: rno:306840

Ensembl: ENSRNOG00000017866

String: [10116.ENSRNOP00000024067](#)

Molecular Weight: Calculated MW: 23.5 kDa
Observed MW (SDS-PAGE): 24 kDa

Sequence Fragment: Ala48-Leu244

Sequence: ANA KHIVIISGAG VSAESGVPTF RGTGGYWRKW QAQHLATPLA FAHNPSQVWE FYHYRREVMR
NKEPNPGHLA IAQCEARLRD QGRRVVVITQ NIDELHRKAG TKNLLEIHGT LFKTRCTSCG
NVAENYKSPI CPALLGKGAP EPDTQESRIP VHKLPRCEEA GCGLLRPHV VWFGENLDPA
ILKEVDRELA RCDL

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 150 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.