

Mouse NAD-Dependent Protein Lipoamidase Sirtuin-4, Mitochondrial (SIRT4) Protein

Catalogue No.: abx069104

Recombinant NAD-Dependent Protein Lipoamidase Sirtuin-4, Mitochondrial (SIRT4) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target:	NAD-Dependent Protein Lipoamidase Sirtuin-4, Mitochondrial (SIRT4)
Research Area:	Signal Transduction
Origin:	Mouse
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 ddH ₂ O. 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:	Q8R216 (UniProt , ExPASy)
Gene Symbol:	SIRT4
KEGG:	mmu:75387
String:	10090.ENSMUSP00000107697

Datasheet

Version: 2.0.0
Revision date: 23 Oct 2025



Molecular Weight: Calculated MW: 36.2 kDa
Observed MW (SDS-PAGE): 36 kDa

Sequence Fragment: Ser26-Pro333

Sequence: SGLFV PPSPLDPEK IKELQRFISL SKLLVMTGA GISTESGIPD YRSEKVGLYA RTDRRPIQHI
DFVRSAPVRQ RYWARNFVGW PQFSSHQPNP AHWALSNWER LGKLHWLVTQ NVDALHSKAG
SQRLTELHGC MHRVLCNLNG EQTARRVLQE RFQALNPSWS AEAQGVAPDG DVFLTEEQVR
SFQVPCCDRC GGPLKPDVVF FGDTVNPDKV DfVHRRVKEA DsLLVVGSSL QVYSGYRFIL
TAREQKLPIA ILNIGPTRSD DLACLKLSR CGELLPLIDP RRQHSDVQRL EMNFPLSSAA QDP

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.

For Reference Only