

Recombinant Mouse Sirt4 protein, His-tagged

Cat. No. Sirt4-1377M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sirt4 aa. (Ser26~Pro333 (Accession # Q8R216) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser26~Pro333
Form	Freeze-dried powder
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Sirt4 sirtuin 4 [*Mus musculus* (house mouse)]

Official Symbol

Sirt4

Synonyms

Sirt4; sirtuin 4; 4930596O17Rik; NAD-dependent protein lipoamidase sirtuin-4, mitochondrial

Gene ID

75387

mRNA Refseq

NM_001167691.1

Protein Refseq

NP_001161163.1

UniProt ID

Q8R216

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