

Recombinant Rat Sirt7 protein, His-tagged

Cat. No. Sirt7-1383R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sirt7 aa. (Pro135~Val274 (Accession # B2RZ55) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro135~Val274
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.0.
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

 Tel: 1-631-559-9269 1-516-512-3133

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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 lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Sirt7 sirtuin 7 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Sirt7

Synonyms

Sirt7; sirtuin 7; NAD-dependent protein deacetylase sirtuin-7; NAD-dependent deacetylase sirtuin-7; SIR2-like protein 7; regulatory protein SIR2 homolog 7

Gene ID

303745

mRNA Refseq

NM_001107073.1

Protein Refseq

NP_001100543.1

UniProt ID

B2RZ55

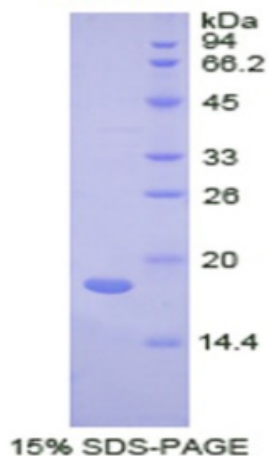
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SDS-PAGE

Rat SIRT7



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