

Recombinant Rat Sirt5 protein, His-tagged

Cat. No. Sirt5-1380R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sirt5 aa. (Ala48~Leu244 (Accession # Q68FX9) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala48~Leu244
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
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 lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

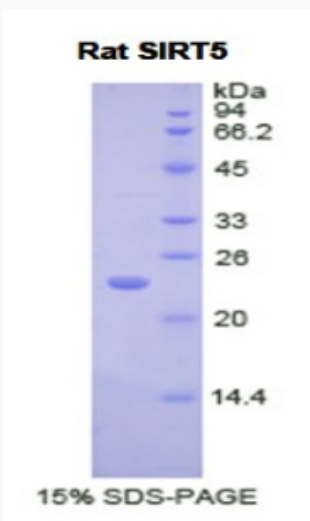
Gene Name	Sirt5 sirtuin 5 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Sirt5
Synonyms	Sirt5; sirtuin 5; NAD-dependent protein deacylase sirtuin-5, mitochondrial; NAD-dependent deacetylase sirtuin-5; NAD-dependent lysine demalonylase and desuccinylase sirtuin-5, mitochondrial; SIR2-like protein 5; regulatory protein SIR2 homolog 5
Gene ID	306840
mRNA Refseq	NM_001004256.1
Protein Refseq	NP_001004256.1
UniProt ID	Q68FX9

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SDS-PAGE



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