



Recombinant Rat Sirtuin 4 (SIRT4)

Catalog No.: TP09323 100ug

Sequence Information

Species: Rat

Swiss Prot:B2RZ30

Gene ID:

Synonyms:SIR2L4; Silent Mating

Type Information Regulation 2

Homolog 4; SIR2-like protein 4;

NAD-dependent protein

deacetylase sirtuin-4

Residues: Ala60~Val255

AGISTESGIPDYRSEKVGLYARTDRRPIQHIDFIRSAPVRQRYWARNFVGWPQFSSHQPNPAHWALSNWEKLGKHLHWLV
TQNVDAHLSKAGNQRLTELHGCMHRVLCCLSCGEQTARRVLQDRFQALNPSWSAEAQGVAPDGDVFLTEEQVRSFRVPCC
DRCGGPLKPDVVFVGDTVNPDKVDFVHQRVKEADSLLV

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Mitochondrion

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS (PH7.4) , containing 5% Trehalose.

Original Concentration: 500µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.8

Predicted Molecular Mass: 23.5kDa

Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O or PBS (pH7.4) to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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. The



loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

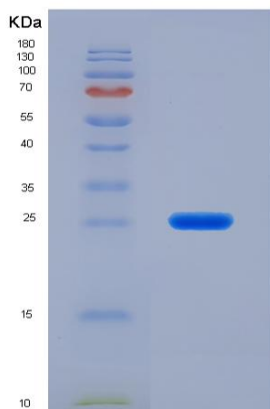


Figure . SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.