

Recombinant Sirtuin 1 (SIRT1)

Catalog No.: TP03943

100µg

Sequence Information

Species: Human

Gene ID:23411

Swiss Prot:Q96EB6

Synonyms:Sirtuin 1, Sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae), SIR2L1

Residues:Glu244~Ala498

EDAVKLLQECKKIIVLTGAGVSVSCGIPDFRSRDGIYARLAVDFPDL PDPQAMF
DIEYFRKDRPRFFKFAKEIYPGQFQPSLCHKFIALSDEKGLLRNYTQNIDTLE
QVAGIQRIIQCHGSFATASCLICKYKVDCEAVRGDIFNQVVRPCRPCADEPLA
IMKPEIVFFGENLPEQFHRAMKYDKDEVDLLIVIGSSLKVRPVALIPSSIPHEV
PQILINREPLPHLHFDVELLGDCDVIINELCHRLGGEYA

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Nucleus.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/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: 5.9

Predicted Molecular Mass: 30.3kDa

Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

