

Human SIRT1 (His Tag) recombinant protein



Catalog Number: 502276

General Information

Protein Construction

A DNA sequence encoding the human SIRT1 isoform 2 (NP_036370.2) (Met 193-Ser 747) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 65 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human SIRT1 consisting of 562 amino acids and has a calculated molecular mass of 62.8 kDa. The apparent molecular mass of the

protein is approximately 60-70 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4, 10% glycerol
1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

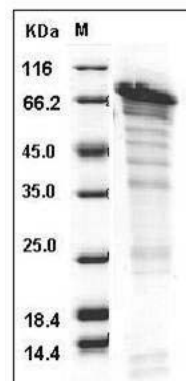
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human SIRT1 / SIR2L1 Protein (His Tag) SDS-PAGE