

Human SIRT1 Recombinant Protein



RPPB4691

Product Information Protein Information

Product SKU:

RPPB4691

Accession:

Q96EB6

Host:

Escherichia Coli.

Protein description:

SIRT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (254-495) and having a molecular mass of 31.6 kDa. SIRT1 is fused to a 38 amino acid His-tag at N-terminus.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Sirtuin 1, SIRT1, SIR2L1, Regulatory Protein SIR2 Homolog 1, hSIR2, hSIRT1, SIR2-Like Protein 1, SIR2alpha, NAD-Dependent Deacetylase Sirtuin-1, NAD-Dependent Protein Deacetylase Sirtuin-1, Sir2-Like 1, Sirtuin Type 1, EC 3.5.1.-.

Formulation:

The SIRT1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMCK IIVLTGAGVS VSCGIPDFRS RDGIYARLAV
DFPDLPDPQA MFDIEYFRKD PRPFFKFAKE IYPGQFQPSL CHKFIALSDK EGKLLRNYTQ NIDTLEQVAG
IQRIIQCHGS FATASCLICK YKVDCEAVRG DIFNQVWPRC PRCPADEPLA IMKPEIVFFG ENLPEQFHRA
MKYDKDEVDL LIVIGSSLKV RPVALIPSSI PHEVPQILIN REPLPHLHFD VELLGDCDVI INELCHRLGG.