

# Human SIRT3 Recombinant Protein



RPPB4693

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## Product Information    Protein Information

**Product SKU:**

RPPB4693

**Accession:**

Q9NTG7

**Host:**

Escherichia Coli.

**Protein description:**

SIRT3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 303 amino acids (118-399a.a.) and having a molecular mass of 33.5kDa. SIRT3 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Sirtuin 3, SIR2-like protein 3, Sir2-like 3, NAD-dependent deacetylase sirtuin-3, mitochondrial.

**Formulation:**

The SIRT3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 0.1M NaCl, 10% glycerol.

**Purity:**

Greater than 95% 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). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MSDKGKLSLQ DVAELIRARA CQRVVMVGA GISTPSGIPD FRSPGSGLYS  
NLQQYDLPYP EAIFELPFFF HNP KPFFTLA KELYPGNYKP NVTHYFLRL HDKGLLLRLY TQNIDGLERV  
SGIPASKLVE AHGTFASATC TVCQRPFPG E DIRADVMADR VPRCPVCTGV VKPDIVFFGE PLPQRFLH V  
VDFPMADLLL ILGTSLEV EP FASL TEAVRS SVPRLINRD LVGPLAWHPR SRDVAQLGDV VHGVESLVEL  
LGWTEEMRDL VQRETGKLDG PDK.