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SIRT1, 254-495aa, Human, His tag, E.coli

产品货号: TP03943

第三版

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

**描述:**SIRT1 is a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. Alternative splicing results in multiple transcript variants. Recombinant human SIRT1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**分子量:**31.6 kDa (280 aa)

**序列:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMKKIIVLTGAGVSVSCGIPDFRSRDGIYARLAVDFPDLP  
DPQAMFDIEYFRKDPRPFFKFAKEIYPGQFQPSLCHKFIALSDKEGKLLRNVTQNIIDTLEQVAGIQRIIQCHGSFATASCLIC  
KYKVDCEAVRGDIFNQVVPRCPRCPADEPLAIMKPEIVFFGENLPEQFHRAMKYDKDEVDLLIVIGSSLKVRPVALIPSSIPH  
EVPQILINREPLPHLHFDVELLGDCDVIINELCHRLGG

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.