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SIRT2, 1-352aa, Human, His tag, E.coli

产品货号: TP03944

第三版

别名:NAD-dependent deacetylase sirtuin-2, SIR2, SIR2L, SIR2L2

描述:SIRT2 (NAD-dependent deacetylase sirtuin-2) 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 and are involved in diverse processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alphas-tubulin. Recombinant human SIRT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. General

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 2mM DTT, 200mM NaCl, 0.5mM EDTA

分子量:41.7kDa (372aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMDFLRNLFSQLSLGSKERLLDELTLGVARYMQSERCRRVICLVGAGISTSAGIPDFRSP
STGLYDNLEKYHLPYPEAIFEISYFKKHPEPFFALAKELYPGQFKPTICHYFMRLKDKGLLLRCYTQNIIDTLERLIGLEQEDL
VEAHGTFYTSHCVSASCRHEYPLSWMKEKIFSEVTPKCEDCQSLVKPDIVFFGESLPARFFSCMQSDFLKVDLLVMGTSLQ
VQPFASLISKAPLSTPRLLINKEKAGQSDPFLGMIMGLGGMDFDSSKKAYRDVAWLGECDQGLALAEELGWWKKELEDLV
RREHASIDAQSGAGVNPSTASPKKSPPPAKDEARTTEREKPK

纯度:> 95% by HPLC

浓度:0.25mg/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.