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SIRT5, 34-310aa, Human, His tag, E.coli

产品货号: TP03946

第三版

别名:sirtuin 5, SIR2L5

描述:SIRT5 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. The protein encoded by this gene is included in class III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants Recombinant human SIRT5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

分子量:32.5kDa (300aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSARPSSSMADFRKFFAKAKHIVIISGAGVSAESGVPTFRGAGGYWRKWQAQDLATPL
AFAHNPSRVWEFYHYRREVMGSKEPNAGHRAIAECETRLGKQGRRVVITQNIIDELHRKAGTKNLLEIHGSLFKTRCTSC
GVVAENYKSPICPALSGKGAPEPGTQDASIPVEKLPRCEEAGCGLLRPHVWVWFGENLDPAILLEVDRELAHCDLCLVVG
TSSVVYPAAMFAPQVAARGVPVAEFNTETTPATNRFHFHQGPCGTTLPEALACHENETVS

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.