

Recombinant Human SIRT6 protein ab78879

1 图像

描述	
产品名称	重组人SIRT6蛋白
纯度	> 95 % SDS-PAGE. ab78879 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MSVNYAAGLS PYADKGKCGL PEIFDPPEEL ERKVWELARL VWQSSSVVFH TGAGISTASG IPDFRGPHGV WTMEERGLAP KFDTTFESAR PTQTHMALVQ LERVGLLRFL VSQNV DGLHV RSGFPRDKLA ELHGNMFVEE CAKCKTQYVR DTVVGTMGLK ATGRLCTVAK ARGLRACRGE LRDTILDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK RRGGR LVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMEHLG LEIPAWDGPR VLERALPPLP RPPTPKLEPK EESPTRINGS IPAGPKQEPC AQHNGSEPAS PKRERPTSPA PHRPPKRVKA KAVPS
预测分子量	41 kDa
氨基酸	1 to 355
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab78879 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.5

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

功能

NAD-dependent protein deacetylase. Has deacetylase activity towards histone H3K9Ac and H3K56Ac. Modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. Deacetylates histone H3K9Ac at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes. Acts as a corepressor of the transcription factor HIF1A to control the expression of multiple glycolytic genes to regulate glucose homeostasis. Required for genomic stability. Regulates the production of TNF protein. Has a role in the regulation of life span (By similarity). Deacetylation of nucleosomes interferes with RELA binding to target DNA. May be required for the association of WRN with telomeres during S-phase and for normal telomere maintenance. Required for genomic stability. Required for normal IGF1 serum levels and normal glucose homeostasis. Modulates cellular senescence and apoptosis. On DNA damage, promotes DNA end resection via deacetylation of RBBP8. Has very weak deacetylase activity and can bind NAD(+) in the absence of acetylated substrate.

序列相似性

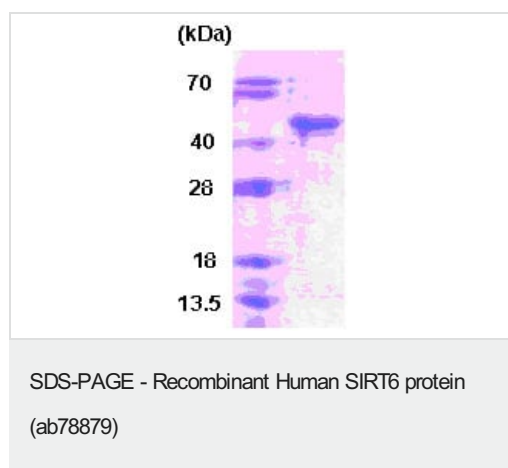
Belongs to the sirtuin family. Class IV subfamily.

Contains 1 deacetylase sirtuin-type domain.

细胞定位

Nucleus, nucleoplasm. Predominantly nuclear. Associated with telomeric heterochromatin regions.

图片



15% SDS-PAGE showing ab78879 at approximately 41kDa.

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