

## Product datasheet

# Recombinant Human SIRT6 protein ab80212

### 画像数 1

#### 製品の概要

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製品名	Recombinant Human SIRT6 protein
タンパク質長	Full length protein

#### 製品の詳細

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由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
アクセッション番号	<a href="#">Q8N6T7</a>
生物種	Human
分子量	65 kDa
タグ	GST tag N-Terminus

#### 特性

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Our [Abpromise guarantee](#) covers the use of **ab80212** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

#### 前処理および保存

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保存方法および安定性	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.395% Tris HCl, 0.05% Tween, 20% Glycerol, 0.58% Sodium chloride
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#### 関連情報

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機能	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
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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.

#### 配列類似性

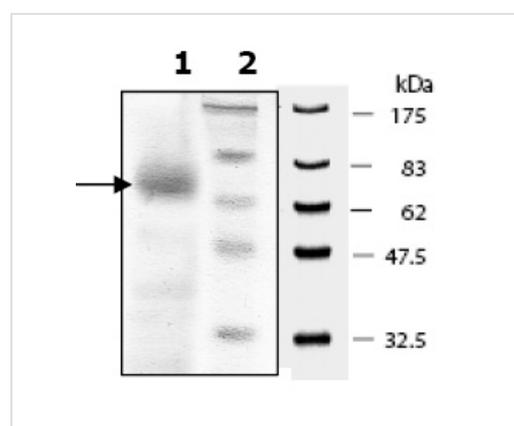
Belongs to the sirtuin family. Class IV subfamily.

Contains 1 deacetylase sirtuin-type domain.

#### 細胞内局在

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

#### 画像



Lane 1: ab80212 on 10% SDS-PAGE, Coomassie staining, 6µg.

Lane 2: Protein marker.

SDS-PAGE - Recombinant Human SIRT6 protein  
(ab80212)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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