

# Recombinant human HDAC3 protein ab101663

画像数 5

## 製品の詳細

製品名	Recombinant human HDAC3 protein
生理活性	Specific activity 125 RLU/min/ng.
精製度	> 70 % SDS-PAGE. ab101663 is >70% pure as assessed by densitometry. Affinity purified.
発現系	Baculovirus infected insect cells
アクセッション番号	<b><u>O15379</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	83 kDa including tags
領域	1 to 428

## 特性

Our **Abpromise guarantee** covers the use of **ab101663** in the following tested applications.

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

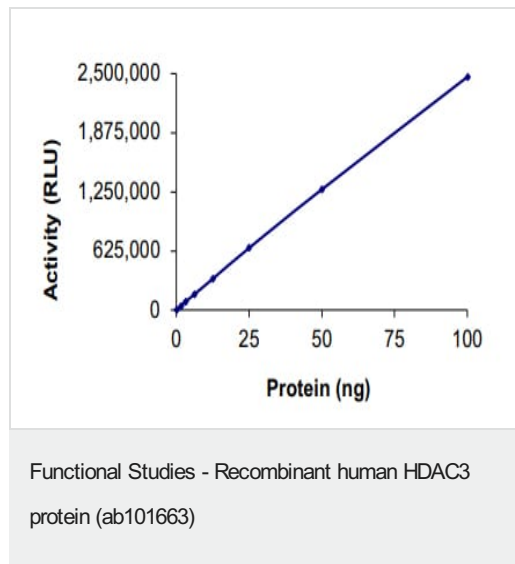
アプリケーション	SDS-PAGE Functional Studies
製品の状態	Liquid

## 前処理および保存

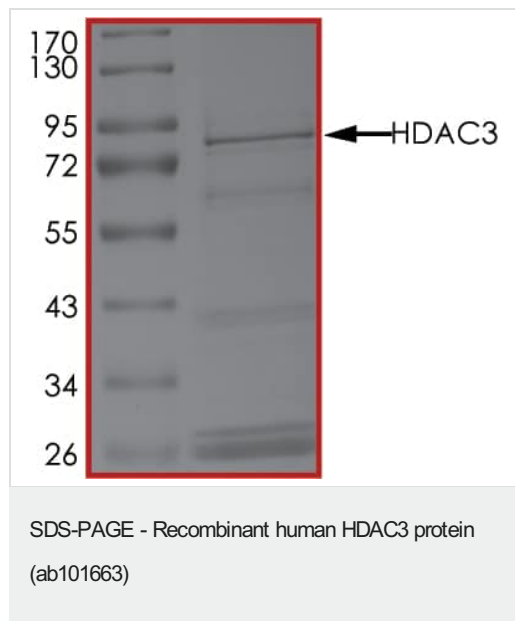
保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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機能	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Probably participates in the regulation of transcription through its binding to the zinc-finger transcription factor YY1; increases YY1 repression activity. Required to repress transcription of the POU1F1 transcription factor. Acts as a molecular chaperone for shuttling phosphorylated NR2C1 to PML bodies for sumoylation.
組織特異性	Widely expressed.
配列類似性	Belongs to the histone deacetylase family. HD type 1 subfamily.
翻訳後修飾	Sumoylated in vitro.
細胞内局在	Nucleus.

画像



The specific activity of HDAC3 (ab101663) was determined to be 144 RLU/min/mg as per activity assay protocol

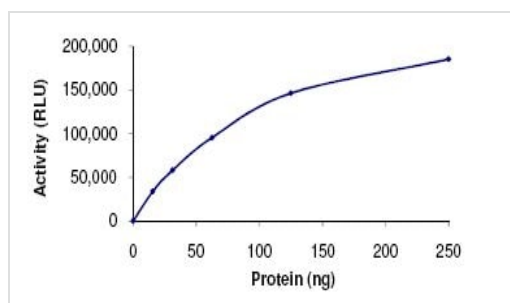


SDS PAGE analysis of ab101663



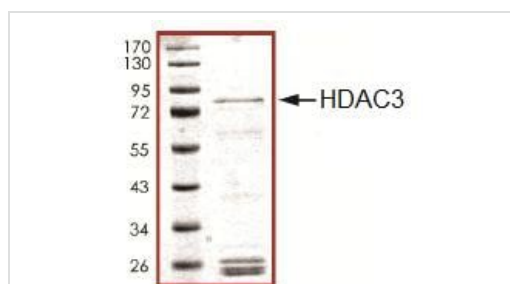
SDS PAGE analysis of ab101663

SDS-PAGE - Recombinant human HDAC3 protein  
(ab101663)



The specific activity of ab101663 was determined to be 125 RLU/min/ng.

Functional Studies - Recombinant human HDAC3 protein (ab101663)



The purity of HDAC3 was determined to be >70% as assessed by densitometry.

The approximate molecular weight is ~83 kDa.

SDS-PAGE - Recombinant human HDAC3 protein  
(ab101663)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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