

Recombinant Human HP1 gamma/CBX3 protein ab124548

画像数 1

製品の詳細

製品名	Recombinant Human HP1 gamma/CBX3 protein
精製度	> 90 % SDS-PAGE. Purified by using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	<u>Q13185</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHH SSGLVPRGSH MGSHTMASNKT TLQKMGKKQN GSKKKVEEAE PEEFVVEKVL DRRVVGKVE YFLKWKGFTD ADNTWEPEEN LDCPELIEAF LNSQKAGKEK DGTKRKSLSD SESDDSKSKK KRDAADKPRG FARGLDPERI IGATDSSGEL MFLMKWKDSD EADLVLAKEA NMKCPQIVIA FYEERLTWHS CPEDEAQ
予測される分子量	23 kDa including tags
領域	1 to 183
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab124548** 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 Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	This product was previously labelled as HP1 gamma

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

関連情報

機能

Seems to be involved in transcriptional silencing in heterochromatin-like complexes. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. May contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR). Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.

配列類似性

Contains 2 chromo domains.

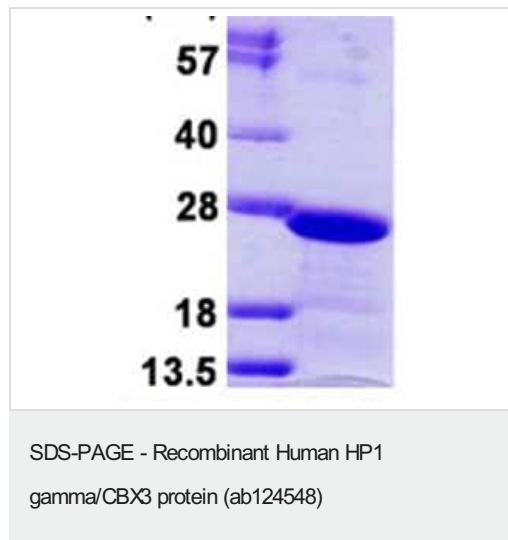
翻訳後修飾

Phosphorylated by PIM1. Phosphorylated during interphase and possibly hyper-phosphorylated during mitosis.

細胞内局在

Nucleus. Associates with euchromatin and is largely excluded from constitutive heterochromatin. May be associated with microtubules and mitotic poles during mitosis.

画像



15% SDS-PAGE (3 µg loaded)

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

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