

Recombinant Human PC4 (mutated F77P) protein ab82047

製品の詳細

製品名	Recombinant Human PC4 (mutated F77P) protein
精製度	> 95 % SDS-PAGE. ab82047 is purified by conventional chromatography.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
修飾	mutated F77P

特性

Our **Abpromise guarantee** covers the use of **ab82047** 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	Functional Studies
	SDS-PAGE
	Gel Supershift Assays
	EMSA

製品の状態	Liquid
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備考	A single amino acid change at position 77 (F to P) abolishes both ds- and ss-DNA binding activity.
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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: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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関連情報

機能	General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).
配列類似性	Belongs to the transcriptional coactivator PC4 family.
翻訳後修飾	Activity is controlled by protein kinases that target the regulatory region. Phosphorylation inactivates both ds DNA-binding and cofactor function, but does not affect binding to ssDNA. Seems to be phosphorylated in vivo by CK2 in at least 7 sites in the N-terminal Ser-rich region.
細胞内局在	Nucleus.

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

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