

Recombinant Human TFIIF protein ab81891

製品の詳細

製品名	Recombinant Human TFIIF protein
生理活性	1 unit equals 1 nanogram of purified protein.
精製度	> 95 % SDS-PAGE. Recombinant RAP74 protein is isolated from an E. coli strain that carries the coding sequence of the human RAP74 subunit of TFIIF under the control of T7 promoter; recombinant RAP30 protein is isolated from an E. coli strain that carries the coding sequence of the human RAP30 subunit of TFIIF under the control of T7 promoter; TFIIF is reconstituted by combining equimolar quantities of recombinant RAP30 and RAP74.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human

特性

Our **Abpromise guarantee** covers the use of **ab81891** 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	Gel Supershift Assays SDS-PAGE EMSA
製品の状態	Liquid
備考	1 unit equals 1 nanogram of purified protein.

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

関連性	The RNA polymerase II transcription factor TFIIIF is a heterodimer with 2 subunits: one, referred to as RAP74, of approximately 70 kD and the other, known as RAP30 or GTF2F2, of 30 kD. TFIIIF affects RNA polymerase II activity both during the initiation and elongation stages of RNA transcription. TFIIIF appears to assist TFIIIB in recruiting RNA polymerase II into a preinitiation complex. It also affects RNA transcription by suppressing transient pausing of the polymerase at locations on the DNA template. TFIIIF mediates the association of RNA polymerase II with promoter sequences containing transcription factors IID, IIB, and IIA (DAB complex). Cloned human RAP 30 was sufficient for the recruitment of RNA polymerase II to the DAB complex. This ability of RAP 30 to recruit RNA polymerase to a promoter is also a characteristic of sigma factors in prokaryotes.
細胞内局在	Nuclear

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

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