

Recombinant Human TFIIF protein ab81891

描述

产品名称	重组人TFIIF蛋白
生物活性	1 unit equals 1 nanogram of purified protein.
纯度	> 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.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

技术指标

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.

应用	Gel Supershift Assays SDS-PAGE EMSA
形式	Liquid
补充说明	1 unit equals 1 nanogram of purified protein.

制备和贮存

稳定性和存储	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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常规信息

相关性	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.
细胞定位	Nuclear

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

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