abcam

Product datasheet

Recombinant Human TAF10 protein ab171687

1 Image

Description

Product name	Recombinant Human TAF10 protein
Purity	> 85 % SDS-PAGE. ab171687 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q12962
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSGAAPPEG AISNGVYVLP SAANGDVKPV VSSTPLVDFL MQLEDYTPTI PDAVTGYYLN RAGFEASDPR IIRLISLAAQ KFISDIANDA LQHCKMKGTA SGSSRSKSKD RKYTLTMEDL TPALSEYGIN VKKPHYFT
Predicted molecular weight	17 kDa including tags
Amino acids	84 to 218
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab171687** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	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), 0.88% Sodium

chloride

General Info

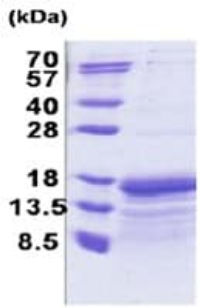
Relevance

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. TAF10 is one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs.

Cellular localization

Nuclear

Images



SDS-PAGE - Recombinant Human TAF10 protein (ab171687)

15% SDS-PAGE analysis of ab171687 (3µg).

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