abcam

Product datasheet

Recombinant Human TAF15 protein ab174418

1 Image

Overview

Product name	Recombinant Human TAF15 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q92804
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSSYHSQRE NYSHHTQDDR RDVSRYGEDN RGYGGSQGGG RGRGGYDKDG RGPMTGSSGG DRGGFKNFGG HRDYGPRTDA DSESDNSDNN TIFVQGLGEG VSTDQVGEFF KQIGIIKTNK KTGKPMINLY TDKDTGKPKG EATVSFDDPP SAKAAIDWFD GKEFHGNIIK VSFATRRPEF MRGGGSGGGR RGRGGYRGRG GFQGRGGDPK SGDWVCPNPS CGNMNFARRN SCNQCNEPRP EDSRPSGGDF RGRGYGGERG YR
Molecular weight	30 kDa
Amino acids	148 to 406
Tags	His tag N-Terminus
Additional sequence information	NCBI Accession No. NP_631961.

Specifications

Our Abpromise guarantee covers the use of **ab174418** 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
	Mass Spectrometry
Mass spectrometry	MALDI-TOF

Purity	>90% by SDS-PAGE. ab174418 is purified using conventional chromatography techniques.
Form	Liquid

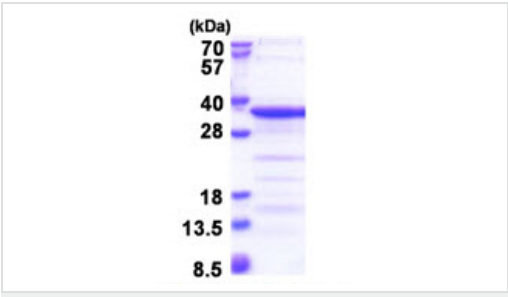
Preparation and Storage

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. Information available upon request.

General Info

Function	RNA and ssDNA-binding protein that may play specific roles during transcription initiation at distinct promoters. Can enter the preinitiation complex together with the RNA polymerase II (Pol II).
Tissue specificity	Ubiquitous. Observed in all fetal and adult tissues.
Involvement in disease	Note=A chromosomal aberration involving TAF15/TAF2N is found in a form of extraskeletal myxoid chondrosarcomas (EMC). Translocation t(9;17)(q22;q11) with NR4A3.
Sequence similarities	Belongs to the RRM TET family. Contains 1 RanBP2-type zinc finger. Contains 1 RRM (RNA recognition motif) domain.
Post-translational modifications	Dimethylated by PRMT1 at Arg-206 to asymmetric dimethylarginine. The methylation may favor nuclear localization and positive regulation of TAF15 transcriptional activity. Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus. Cytoplasm. Shuttles from the nucleus to the cytoplasm.

Images



SDS-PAGE - Recombinant Human TAF15 protein (ab174418)

15% SDS-PAGE analysis of ab174418 (3µg).

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

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