Recombinant Human TAF7, His-tagged

Cat. No. TAF7-30937TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-349 of Human TAF7 with N terminal His tag, 61.7kDa.
Species	Human
Source	E.coli
ProteinLength	1-349 a.a.
Description	The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 76 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MSKSKDDAPHELESQFILRLPPEYASTVRRAVQSGHVNLK DRLTIELHPDGRHGIVR VDRVPLASKLVDLPCVMESLK TIDKKTFYKTADICQMLVSTVDGDLYPPVEEPVAST DP KASKKKDKDKEKKFIWNHGITLPLKNVRKRRFRKTAKK KYIESPDVEKEVKRLLS TDAEAVSTRWEIIAEDETKEAEN QGLDISSPGMSGHRQGHDSLEHDELREIFNDLSS SSED EDETQHQDEEDINIIDTEEDLERQLQDKLNESDEQHQE NEGTNQLVMGIQKQ IDNMKGKLQETQDRAKRQEDLIMK VENLALKNRFQAVLDELKQKEDREKEQLSSLQ EELESLLE K
Full Length	Full L.

GENE INFORMATION

Gene Name	TAF7 TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa [Homo sapiens]
Official Symbol	TAF7
Synonyms	TAF7; TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa; TAF2F, TATA box binding protein (TBP) associated factor, RNA polymerase II, F, 55kD; transcription initiation factor TFIID subunit 7; TAFII55;
Gene ID	6879
mRNA Refseq	NM_005642
Protein Refseq	NP_005633
MIM	600573
Uniprot ID	Q15545

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Chromosome Location	5q31
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem;
Function	histone acetyltransferase binding; protein binding; contributes_to sequence-specific DNA binding transcription factor activity; thyroid hormone receptor binding; transcription coactivator activity;

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