

Recombinant Human TAF7 293 Cell Lysate

Cat. No. TAF7-1266HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa (TAF7) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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; TAFII-55; TAF(II)55; TBP-associated factor F; transcription factor IID subunit TAFII55; RNA polymerase II TBP-associated factor subunit F; transcription initiation factor TFIID 55 kDa subunit; transcription initiation factor TFIID, 55 kDa subunit; TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD; TAF2F;

Gene ID 6879

mRNA Refseq NM_005642

Protein Refseq NP_005633

MIM 600573

UniProt ID Q15545

Chromosome Location 5q31

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Pathway

Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem;

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