

Recombinant Human TAF1B 293 Cell Lysate

Cat. No. TAF1B-1271HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa (TAF1B) 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

TAF1B TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa [Homo sapiens]

Official Symbol

TAF1B

Synonyms

TAF1B; TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa; TATA box binding protein (TBP) associated factor, RNA polymerase I, B, 63kD; TATA box-binding protein-associated factor RNA polymerase I subunit B; RAF1B; RAFI63; SL1; TAFI63; SL1, 63kD subunit; TBP-associated factor 1B; TATA box-binding protein-associated factor 1B; transcription initiation factor SL1/TIF-IB subunit B; RNA polymerase I-specific TBP-associated factor 63 kDa; MGC:9349;

Gene ID

9014

mRNA Refseq

NM_005680

Protein Refseq

NP_005671

MIM

604904

UniProt ID

Q53T94

**Chromosome
Location**

2p25

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Pathway

Gene Expression, organism-specific biosystem; RNA Polymerase I Chain Elongation, organism-specific biosystem; RNA Polymerase I Promoter Clearance, organism-specific biosystem; RNA Polymerase I Promoter Escape, organism-specific biosystem; RNA Polymerase I Transcription, organism-specific biosystem; RNA Polymerase I Transcription Initiation, organism-specific biosystem; RNA Polymerase I Transcription Termination, organism-specific biosystem;

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