Recombinant Human TAF1A 293 Cell Lysate

Cat. No. TAF1A-1273HCL **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, A, 48kDa (TAF1A), transcript variant 1 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	TAF1A TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa [Homo sapiens]
Official Symbol	TAF1A
Synonyms	TAF1A; TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa; TATA box binding protein (TBP) associated factor, RNA polymerase I, A, 48kD; TATA box-binding protein-associated factor RNA polymerase I subunit A; SL1; TAFI48; SL1, 48kD subunit; TBP-associated factor 1A; transcription factor SL1; TATA box-binding protein-associated factor 1A; transcription initiation factor SL1/TIF-IB subunit A; RNA polymerase I-specific TBP-associated factor 48 kDa; RAFI48; MGC:17061;
Gene ID	9015
mRNA Refseq	NM_005681
Protein Refseq	?NP_005672
MIM	604903
UniProt ID	Q15573
Chromosome Location	1q42

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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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