

Recombinant Human TBP 293 Cell Lysate

Cat. No. TBP-1210HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TATA box binding protein (TBP), 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

TBP TATA box binding protein [Homo sapiens]

Official Symbol

TBP

Synonyms

TBP; TATA box binding protein; GTF2D1, SCA17; TATA-box-binding protein; TFIID; TATA-box factor; TATA sequence-binding protein; TATA-box binding protein N-terminal domain; transcription initiation factor TFIID TBP subunit; HDL4; GTF2D; SCA17; GTF2D1; MGC117320; MGC126054; MGC126055;

Gene ID

6908

mRNA Refseq

NM_001172085

Protein Refseq

NP_001165556

MIM

600075

UniProt ID

P20226

Chromosome Location

6q27

Pathway

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

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biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;
HIV Infection, organism-specific biosystem;

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