

Recombinant Human TAF1C cell lysate

Cat. No. TAF1C-1733HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. This gene encodes the largest SL1-specific TAF. Two transcripts encoding different isoforms have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TAF1C TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kDa [Homo sapiens]
Official Symbol	TAF1C
Synonyms	TAF1C; TATA box binding protein (TBP)-associated factor, RNA polymerase I, C,

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110kDa; TATA box binding protein (TBP) associated factor, RNA polymerase I, C, 110kD; TATA box-binding protein-associated factor RNA polymerase I subunit C; MGC:39976; SL1; TAFI95; TAFI110; SL1, 110kD subunit; TBP-associated factor 1C; transcription factor SL1; TATA box-binding protein-associated factor 1C; transcription initiation factor SL1/TIF-IB subunit C; RNA polymerase I-specific TBP-associated factor 110 kDa;

Gene ID [9013](#)

mRNA Refseq [NM_001243156](#)

Protein Refseq [NP_001230085](#)

MIM [604905](#)

UniProt ID [Q15572](#)

Chromosome Location 16q24

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;

Function DNA binding;

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