

Recombinant Human TAF6L cell lysate

Cat. No. TAF6L-1734HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a protein that is a component of the PCAF histone acetylase complex and structurally similar to one of the histone-like TAFs, TAF6. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation.
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;

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GENE INFORMATION

Gene Name	TAF6L TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa [Homo sapiens]
Official Symbol	TAF6L
Synonyms	TAF6L; TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa; TAF6 like RNA polymerase II, p300/CBP associated factor (PCAF) associated factor, 65 kD; TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L; PAF65A; PAF65-alpha; PCAF-associated factor 65 alpha; PCAF-associated factor 65-alpha; p300/CBP-associated factor (PCAF)-associated factor 65; MGC4288; FLJ111136;
Gene ID	10629
mRNA Refseq	NM_006473
Protein Refseq	NP_006464
MIM	602946
UniProt ID	Q9Y6J9
Chromosome Location	11q12.3
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;

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Function

DNA binding; contributes_to histone acetyltransferase activity; protein binding;
transcription coactivator activity;

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