

Recombinant Human TAF1L, His&FLAG-tagged

Cat. No. TAF1L-81H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAF1L corresponding to amino acids 1402-1521 that contains the bromodomain sequences of TAF1L (accession number NP_722516.1) was expressed in E. coli and contains an N-terminal His tag and C-terminal FLAG tag with an observed molecular weight of 20.08 kDa.
Species	Human
Source	E.coli
ProteinLength	1402-1521 a.a.
Description	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 210 kDa-like (TAF1L), is homologous to TAF1 and contains bromodomains for interaction with other proteins. The bromodomain functions as a "reader" of epigenetic histone marks and regulates chromatin structure and gene expression by linking associated proteins to the recognized acetylated nucleosomal targets. TAF1L is specifically expressed in the testis in male germ cells. It may act as a functional substitute for TAF1 during male meiosis when sex chromosomes are transcriptionally silenced.
Form	25 mM HEPES pH 7.5, 150 mM NaCl and 5% glycerol.
Applications	Binding assays, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice

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when not in storage.

Concentration 3 mg/ml

GENE INFORMATION

Gene Name TAF1L TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 210kDa-like [Homo sapiens]

Official Symbol TAF1L

Synonyms

TAF1L; TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 210kDa-like; TAF1 like RNA polymerase II, TATA box binding protein (TBP) associated factor, 210kDa; transcription initiation factor TFIID subunit 1-like; TAF(II)210; TBP-associated factor 1-like; TBP-associated factor 210 kDa; TBP-associated factor RNA polymerase 1-like; transcription initiation factor TFIID 210 kDa subunit; TAF2A2; MGC134910;

Gene ID [138474](#)

mRNA Refseq [NM_153809](#)

Protein Refseq [NP_722516](#)

MIM [607798](#)

UniProt ID [Q8IZX4](#)

Chromosome Location 9p12

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Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem;
Function	DNA binding; TBP-class protein binding; histone acetyltransferase activity; protein serine/threonine kinase activity;

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