

Recombinant Human TAF1C, His-tagged

Cat. No. TAF1C-30935TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 247-742 of Human TAF1C Isoform 2 with N terminal His tag; Predicted MWt 55 kDa.
Species	Human
Source	E.coli
ProteinLength	247-742 a.a.
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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 163 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

TGISLSPHLPGELAICSRSGAVCLWSPEDGLRQIYRDPET LVFRDSSSWRWADFTA
 HPRVLTVDRTGVKMLDTQGPP GCGLLLFRLGAEASCQKGERVLLTQYLGHSSPK
 CLPPT LHLVCTQFSLYLVDERLPLVPMKWNHGLPSPLLLARL LPPRPSCVQPLLL
 GGQGGQLQLLHLAEGASVPRLAGPPQSLPSRIDSLPAFPLLEPKIQWRLQERLKAPT
 IGLAAVV PPLPSAPTPGLVLFQLSAAGDVFYQQLRPQVDSSLRRD AGPPGDTQPD
 CHAPTASWTSQDTAGCSQWLKALLKVPL APPVWTAPTFTHRQMLGSTELRREEEE
 GQRLGVLRKAM ARGQLLLQRDLGSLPAAEPPPAPESGLEDKLSERLGEAWAGRGA
 AWWERQQGRTSEPGRQTRRPKRRTQLSSSFSLSG HVDPS EDTSSPHSPEWPPA
 DALPLPPTTPPSQELTPDA CAQGV PSEQRQMLRDYMAKLPPQRDTPGCATTPP

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, 110kDa; TATA box binding protein (TBP) associated factor, RNA polymerase I, C, 110kDa; TATA box-binding protein-associated factor RNA polymerase I subunit C; MGC:39976; SL1; TAFI

Gene ID

9013

mRNA Refseq

NM_001243156

Protein Refseq

NP_001230085

MIM

604905

Uniprot ID

Q15572

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Chromosome Location	16q24
Pathway	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;
Function	DNA binding;

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