



Recombinant Human Transcription initiation factor TFIID subunit 5 (TAF5)

Product Code	CSB-EP613596HU-B
Abbreviation	TAF5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q15542
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAALAEQTE VAVKLEPEGP PTLPPQAGD GAGEGSGGTT NNGPNGGGGN VAASSSTGGD GGTPKPTVAV SAAAPAGAAP VPAAAPDAGA PHDRQTLLAV LQFLRQSKLR EAEEALRREA GLLEEAVAGS GAPGEVDSAG AEVTSALLSR VTASAPGPAA PDPPGTGASG ATVVSGSASG PAAPGKVGSV AVEDQPDVSA VLSAYNQGD PTMYEEYYSYSG LKHFIKSLD CHRAELSQLF YPLFVHMYLE LVYNQHENEK KSFPEKFGHD QECYYQDDLK VLSSLTKEK MKGNETMLDF RTSKFVLRIS RDSYQLLKRH LQEKQNNQIW NIVQEHLIYD IFDGMPSKQ QIDAMVGS LA GEAKREANKS KVFFGLLKEP EIEVPLDDED EEEGENEEGKP KKKKPKKDSI GSKSKKQDPN APPQNRIPLP ELKDSKLDK IMNMKETTTR VRLGPDCLPS ICFYTFNLAY QGLTAVDVTD DSSLIAGGFA DSTVRVWSVT PKKLRVSKQA SDSLIDKES DDVLERIMDE KTASELKILY GHSGPVY GAS FSPDRNYLLS SSEDGTVRLW SLQTFTCLVG YKGHNYPVWD TQFSPYGYF VSGGHDRVAR LWATDHYQPL RIFAGHLADV NCTRFHPNSN YVATGSADRT VRLWDVLNGN CVRIFTGHKG PIHSLTFSPN GRFLATGATD GRVLLWDIGH GLMVGELKGH TDTVCSLRFS RDGEILASGS MDNTVRLWDA IKAFEDLET DFTTATGHIN LPENSQELL GTYMTKSTPV VHLHFTRRNL VLAAGAYSPQ</p>
Source	E.coli
Target Names	TAF5
Protein Names	Recommended name: Transcription initiation factor TFIID subunit 5 Alternative name(s): Transcription initiation factor TFIID 100 kDa subunit Short name= TAF(II)100 Short name= TAFII-100 Short name= TAFII100
Expression Region	1-800
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein



Target Details

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 an integral subunit of TFIID associated with all transcriptionally competent forms of that complex. This subunit interacts strongly with two TFIID subunits that show similarity to histones H3 and H4, and it may participate in forming a nucleosome-like core in the TFIID complex.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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