



Recombinant Human Transcription initiation factor TFIID subunit 10 (TAF10)

Product Code	CSB-EP623662HU-B
Abbreviation	TAF10
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.	Q12962
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SCSGSGADP EAAPASAASA PGPAPPVSAP AALPSSTAAE NKASPAGTAG GPGAGAAAGG TGPLAARAGE PAERRGAAPV SAGGAAPPEG AISNGVYVLP SAANGDVKPV VSSTPLVDFL MQLEDYTPTI PDAVTGYLNL RAGFEASDPR IIRLISLAAQ KFISDIANDA LQHCKMKGTA SGSSRSKSKD RKYTLTMEDL TPALSEYGIN VKKPHYFT
Source	E.coli
Target Names	TAF10
Protein Names	Recommended name: Transcription initiation factor TFIID subunit 10 Alternative name(s): STAF28 Transcription initiation factor TFIID 30 kDa subunit Short name= TAF(II)30 Short name= TAFII-30 Short name= TAFII30
Expression Region	2-218
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 of Mature 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 one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for



transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs.

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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