Recombinant Human Transcription initiation factor TFIID subunit 6 (TAF6)

Product Code	CSB-MP023095HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49848
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEEKKLKLS NTVLPSESMK VVAESMGIAQ IQEETCQLLT DEVSYRIKEI AQDALKFMHM GKRQKLTTSD IDYALKLKNV EPLYGFHAQE FIPFRFASGG GRELYFYEEK EVDLSDIINT PLPRVPLDVC LKAHWLSIEG CQPAIPENPP PAPKEQQKAE ATEPLKSAKP GQEEDGPLKG KGQGATTADG KGKEKKAPPL LEGAPLRLKP RSIHELSVEQ QLYYKEITEA CVGSCEAKRA EALQSIATDP GLYQMLPRFS TFISEGVRVN VVQNNLALLI YLMRMVKALM DNPTLYLEKY VHELIPAVMT CIVSRQLCLR PDVDNHWALR DFAARLVAQI CKHFSTTTNN IQSRITKTFT KSWVDEKTPW TTRYGSIAGL AELGHDVIKT LILPRLQQEG ERIRSVLDGP VLSNIDRIGA DHVQSLLLKH CAPVLAKLRP PPDNQDAYRA EFGSLGPLLC SQVVKARAQA ALQAQQVNRT TLTITQPRPT LTLSQAPQPG PRTPGLLKVP GSIALPVQTL VSARAAAPPQ PSPPPTKFIV MSSSSSAPST QQVLSLSTSA PGSGSTTTSP VTTTVPSVQP IVKLVSTATT APPSTAPSGP GSVQKYIVVS LPPTGEGKGG PTSHPSPVPP PASSPSPLSG SALCGGKQEA GDSPPPAPGT PKANGSQPNS GSPQPAP
Source	Mammalian cell
Target Names	TAF6
Protein Names	Recommended name: Transcription initiation factor TFIID subunit 6 Alternative name(s): RNA polymerase II TBP-associated factor subunit E Transcription initiation factor TFIID 70 kDa subunit Short name= TAF(II)70 Short name= TAFII
Expression Region	1-677
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 one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Four isoforms have been identified but complete transcripts have been determined for only three isoforms. One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis.
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	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.