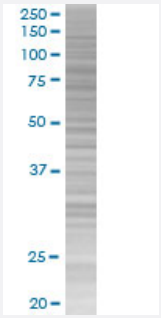
TAF6 293T Cell Transient Overexpression Lysate(Denatured)

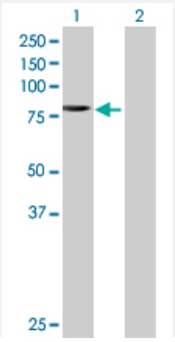
Catalog # H00006878-T01 Size 100 uL

Applications



SDS-PAGE Gel

TAF6 transfected lysate.



Western Blot

Lane 1: TAF6 transfected lysate (74.58 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TAF6 full-length
Host	Human
Theoretical MW (kDa)	74.58
Interspecies Antigen Sequence	Mouse (98); Rat (99)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-TAF6 antibody (H00006878-B01) by Western Blots. SDS-PAGE Gel TAF6 transfected lysate. Western Blot Lane 1: TAF6 transfected lysate (74.58 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TAF6

Entrez GeneID	6878
GeneBank Accession#	NM_005641.2
Protein Accession#	-
Gene Name	TAF6
Gene Alias	DKFZp781E21155, MGC:8964, TAF2E, TAFII70, TAFII80, TAFII85
Gene Description	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa
Omim ID	602955
Gene Ontology	Hyperlink

Gene Summary	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. [provided by RefSeq
Other Designations	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, E, 70/85kD|TBP-associated factor 6|transcription initiation factor TFIID 70 kD subunit

Pathway

- Basal transcription factors