

Datasheet for ABIN7555722

TAF2 Protein (AA 1-1199) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TAF2
Protein Characteristics:	AA 1-1199
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TAF2 Protein expressed in mammalian cells.
Sequence:	MPLTGVEPAR MNRKKGDKGF ESPPYKLTH QVVCINNINF QRKSVVGFE LTIFPTVANL NRIKLNSKQC RIYVRINDL EAAFIYNDPT LEVCHSESKQ RNLNYFSNAY AAASAVDPD AGNGELCIKV PSELWKHVDE LKVLKIHINF SLDQPKGGLH FVPSVEGSM AERGAHVFSC GYQNSTRFWF PCVDSYSELCTWKLEFTVDA AMVAVSNGDL VETVYTHDMR KKTFFHYMLTI PTAASNISLA IGPFEILVDP YMHEVTHFCL PQLPLLKHT TSYLHEVFEE YEEILTCRYP YSCFKTVFID EAYVEVAAYA SMSIFSTNLL HSAMIIDETP LTRRCLAQSL AQQFFGCFIS RMSWSDEWVL KGISGYIYGL WMKKTFGVNE YRHWIKEELD KIVAYELKTG GVLLHPIFGG GKEKDNPAHSH LHFSIKHPHT LSWEYYSMFQ CKAHLVMRLI ENRISMEFML QVFNKLLSLA STASSQKFQS HMWSQMLVST SGFLKSISNV SGKDIQPLIK QWVDQSGVVK FYGSFAFNRK RNVLELEIKQ DYTSPGTQKY VGPLKVTVQE LDGSFNHTLQ IEENSLKHDI PCHSKSRRNK KKKIPLMNGE EVDMDLSAMD ADSPLLWIRI DPDMSVLRKV EFEQADFMWQ YQLRYERDVV

AQQESILALE KFPTPASRLA LTDILEQEQC FYRVRMSACF CLAKIANSMV STWTGPPAMK
SLFTRMFCCCK SCPNIVKTNN FMSFQSYFLQ KTMPVAMALL RDVHNLCPKE VLTFILDLIK
YNDNRKNKFS DNYIRAEMID ALANSVTPAV SVNNEVRTLD NLNPDVRLIL EEITRFLNME
KLLPSYRHTI TVSCLRAIRV LQKNGHVPSD PALFKSYAEY GHFVDIRIAA LEAVVDYTKV
DRSYEELQWL LNMIQNDPVP YVRHKILNML TKNPPFTKNM ESPLCNEALV DQLWKLMNSG
TSHDWRLRCG AVDLYFTLFG LSRPSCLPLP ELGLVLNLKE KKAVLNPTII PESVAGNQEA
ANNPSSHPQL VGFQNPFSSS QDEEIDMDT VHDSQAFISH HLNMLERPST PGLSKYRPAS
SRSALIPQHS AGCDSTPTTK PQWSLELARK GTGKEQAPLE MSMHPAASAP LSVFTKESTA
SKHSDHHHHH HHEHKKKKKK HKHKHKHKHK HDSKEKDKEP FTFSSPASGR SIRSPSLSD

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.

In case you have a special request, please contact us.

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TAF2
Alternative Name:	TAF2 (TAF2 Products)
Background:	Transcription initiation factor TFIID subunit 2 (150 kDa cofactor of initiator function) (RNA

Target Details

polymerase II TBP-associated factor subunit B) (TBP-associated factor 150 kDa) (Transcription initiation factor TFIID 150 kDa subunit) (TAF(II)150) (TAFII-150) (TAFII150),FUNCTION: The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:33795473). TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) (PubMed:33795473). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 (PubMed:33795473, PubMed:9418870, PubMed:9774672). TAF2 forms a promoter DNA binding subcomplex of TFIID, together with TAF7 and TAF1 (PubMed:9774672, PubMed:33795473). {ECO:0000269|PubMed:33795473, ECO:0000269|PubMed:9418870, ECO:0000269|PubMed:9774672}.

Molecular Weight: 137.0 kDa

UniProt: [Q6P1X5](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months