Datasheet for ABIN7564483

TAF5 Protein (AA 1-801) (His tag)

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Overview

Quantity:	1 mg
Target:	TAF5
Protein Characteristics:	AA 1-801
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAF5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Taf5 Protein expressed in mammalien cells.
Sequence:	MAALAEEQTE VAVKLEPEGP PTLLPPQAGD GAGEGSGGTP NNGPNGGGGG NVAVAAAAGG DGGTPKPGVA VSAAAPAGAA PVPAAPAEAG APHDRQTLLA VLQFLRQSNL REAEEALRRE ARLLEEAVAG SGAPGELDGA GAEAASALLS RVTASVPGSA APEPPGTGAS VTSVFSGSAS GPAAPGKVAS VAVEDQPDVS AVLSAYNQQG DPTMYEEYYS GLKHFIECSL DCHRAELSQL FYPLFVHMYL ELVYNQHENE AKSFFEKFHG DQECYYQDDL RVLSSLTKKE HMKGNETMLD FRTSKFVLRI YRDSYQLLKR HLQEKQNNQI WNIVQEHLYI DIFDGMPRSK QQIDAMVGSL AGEAKREANK SKVFFGLLKE PEIEVPLDDE DEEGENEEGK PKKKKPKKDS IGSKSKKQDP NAPPQNRIPL PELKDSDKLD KIMNMKETTK RVRLGPDCLP SICFYTFLNA YQGLTAVDVT DDSSLIAGGF ADSTVRVWSV TPKKLRSVKQ ASDLSLIDKE SDDVLERIMD EKTASELKIL YGHSGPVYGA SFSPDRNYLL SSSEDGTVRL WSLQTFTCLV GYKGHNYPVW DTQFSPYGYY FVSGGHDRVA RLWATDHYQP LRIFAGHLAD VNCTRYHPNS NYVATGSADR TVRLWDVLNG

Product Details

	NCVRIFTGHK GPIHSLTFSP NGRFLATGAT DGRVLLWDIG HGLMVGELKG HTDTVCSLRF SRDGEILASG SMDNTVRLWD AVKAFEDLET DDFTTATGHI NLPENSQELL LGTYMTKSTP VVHLHFTRRN LVLAAGAYSP Q **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 mammalien 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:	TAF5
Alternative Name:	Taf5 (TAF5 Products)
Background:	Transcription initiation factor TFIID subunit 5 (Transcription initiation factor TFIID 100 kDa subunit) (TAF(II)100) (TAFII-100) (TAFII100),FUNCTION: The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription. 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). 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. The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C. TAF5 is involved

Target Details

	in two modules of TFIID, in TFIID-A together with TAF3 and TBP, and in TFIID-B with TAF8. Involved in contacts between TFIID and TFIIF in the PIC. {ECO:0000250|UniProtKB:Q15542}.
Molecular Weight:	87.0 kDa
UniProt:	Q8C092

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