Datasheet for ABIN7555862

TTF2 Protein (AA 1-1162) (His tag)

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Overview

Quantity:	1 mg
Target:	TTF2
Protein Characteristics:	AA 1-1162
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TTF2 Protein expressed in mammalien cells.
Sequence:	MEEVRCPEHG TFCFLKTGVR DGPNKGKSFY VCRADTCSFV RATDIPVSHC LLHEDFVVEL QGLLLPQDKK EYRLFFRCIR SKAEGKRWCG SIPWQDPDSK EHSVSNKSQH ASETFHHSSN WLRNPFKVLD KNQEPALWKQ LIKGEGEEKK ADKKQREKGD QLFDQKKEQK PEMMEKDLSS GLVPKKKQSV VQEKKQEEGA EIQCEAETGG THKRDFSEIK SQQCQGNELT RPSASSQEKS SGKSQDVQRE SEPLREKVTQ LLPQNVHSHN SISKPQKGGP LNKEYTNWEA KETKAKDGPS IQATQKSLPQ GHFQERPETH SVPAPGGPAA QAAPAAPGLS LGEGREAATS SDDEEEDDVV FVSSKPGSPL LFDSTLDLET KENLQFPDRS VQRKVSPASG VSKKVEPSDP VARRVYLTTQ LKQKKSTLAS VNIQALPDKG QKLIKQIQEL EEVLSGLTLS PEQGTNEKSN SQVPQQSHFT KTTTGPPHLV PPQPLPRRGT QPVGSLELKS ACQVTAGGSS QCYRGHTNQD HVHAVWKITS EAIGQLHRSL ESCPGETVVA EDPAGLKVPL LLHQKQALAW LLWRESQKPQ GGILADDMGL GKTLTMIALI LTQKNQEKKE EKEKSTALTW LSKDDSCDFT SHGTLIICPA SLIHHWKNEV

Product Details

	EKRVNSNKLR VYLYHGPNRD SRARVLSTYD IVITTYSLVA KEIPTNKQEA EIPGANLNVE GTSTPLLRIA WARIILDEAH NVKNPRVQTS IAVCKLQACA RWAVTGTPIQ NNLLDMYSLL KFLRCSPFDE FNLWRSQVDN GSKKGGERLS ILTKSLLLRR TKDQLDSTGR PLVILPQRKF QLHHLKLSED EETVYNVFFA RSRSALQSYL KRHESRGNQS GRSPNNPFSR VALEFGSEEP RHSEAADSPR SSTVHILSQL LRLRQCCCHL SLLKSALDPM ELKGEGLVLS LEEQLSALTL SELRDSEPSS TVSLNGTFFK MELFEGMRES TKISSLLAEL EAIQRNSASQ KSVIVSQWTN MLKVVALHLK KHGLTYATID GSVNPKQRMD LVEAFNHSRG PQVMLISLLA GGVGLNLTGG NHLFLLDMHW NPSLEDQACD RIYRVGQQKD VVIHRFVCEG TVEEKILQLQ EKKKDLAKQV LSGSGESVTK LTLADLRVLF GI **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:	TTF2
Alternative Name:	TTF2 (TTF2 Products)
Background:	Transcription termination factor 2 (EC 3.6.4.-) (Lodestar homolog) (RNA polymerase II termination factor) (Transcription release factor 2) (F2) (HuF2),FUNCTION: DsDNA-dependent

Target Details

	ATPase which acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. May contribute to mitotic transcription repression. May also be involved in pre-mRNA splicing. {ECO:0000269|PubMed:10455150, ECO:0000269|PubMed:12927788, ECO:0000269|PubMed:15125840, ECO:0000269|PubMed:9748214}.
Molecular Weight:	129.6 kDa
UniProt:	Q9UNY4
Pathways:	Thyroid Hormone Synthesis

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