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Datasheet for ABIN7563825
TTF2 Protein (AA 1-1138) (His tag)

Overview

Quantity:	1 mg
Target:	TTF2
Protein Characteristics:	AA 1-1138
Origin:	Mouse
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 mammalian cells.
Sequence:	MDLVKCPHEG DACFLKTGVR DGPNGKGSFY VCRTNTCGFV QATDIPVSHC LLHEEFVVEL QGLFLPQDKK EWRLFFRCAR TKAEGKWCG NVPWRQDPNP KELSVTSKPQ QPSESQ LHSP SQPRNPFRVL NKNQKTLERK QFVEEGERKT ADKKLRENNE QLLDQRKEQK PKSNSRMEKD PSSDLVATRQ SGGDREEQEK SKFQPKTKKA EGMASKQGHG EVLQGIPKGP HMSESESRGV PNKPETLREK ETQLLVPSVP GQNPESKVQK EGHVSREPLK NGEAPSAQVT QRGLAQGPLQ GPSKTWRPVP EAPAAPELCS GMAHHATSSS EDSSEDDGVSS RPGSPLLFDS TVDSQKKGSL QHSDQSVQRQ MPAASGVSKK GDSSDPAAQR ANLTTQLKQK KGTLAAVNIQ ALPDKGEKLL KQIQALEDAL SALALSPEQG TKEKCSAQEP EQSNITKAAA APLHLVPPQP LPRPLIQPAS SLGLKAGRQE TPEGASQCSG GHMNQHHLYN VWKITSEID ELHRSKSCP GETAVAEDPA GLKVPLLLHQ KQALAWLLWR ESQKPQGGIL ADDMGLGKTL TMIALILTKK NQKKSKEKER SEPVTWLSKN DSSVFTSSGT LIVCPASLIH HWKNEVEKRV TSNRLRIYLY HGPNRSRHAH

Product Details

VLSTYDIVIT TYSLLAKEIP TTKQEGEVPK ANLSVEGTSA PLLQVWARI ILDEAHNVKN
PRVQTSIAVC KLQAQARWAV TGTPIQNNLL DMYSMLMKFLR CSPFDEFSLW KSQVDNGSMK
GGERLSILTK SLLLRRTKDQ LDSTGKPLVA LPARRCQLHR LKLSSEDERAV YDIFLARSRS
ALQSYLKRQE GRGSHHGRSP DNPFSRVAQE FGSSVSQGCP AADSQRPSTV HVLSQLLRLR
QCCCHLSLLK SALDPTILES EGLVLSLEEQ LSALTLSKVD VSEPSPTVSL NGTCFKAELF
DDTRRSTKVS SLLAELEAIQ KGPGSQKSVI VSQWTSMLQV VALHLKKNRL TYATIDGSVN
PKQRMDLVEA FNHSQGPQVM LISLLAGVG LNLTTGGNHLF LLDMHWNPSL EDQACDRIYR
VGQKKDVVIH RFVCEGTVEE KILQLQEKKK DLAKQVLSGS EGPVTKLTLA DLKILFGI **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:

TTF2

Alternative Name:

Ttf2 ([TTF2 Products](#))

Background:

Transcription termination factor 2 (EC 3.6.4.-) (RNA polymerase II termination factor)
(Transcription release factor 2),FUNCTION: DsDNA-dependent ATPase which acts as a

Target Details

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 (By similarity). {ECO:0000250}.

Molecular Weight: 125.5 kDa

UniProt: [Q5NC05](#)

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