

Datasheet for ABIN7555848
TTF1 Protein (AA 1-905) (His tag)



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Overview

Quantity:	1 mg
Target:	TTF1
Protein Characteristics:	AA 1-905
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTF1 Protein expressed in mammalian cells.
Sequence:	MEGESSRFEI HTPVSDK K K K K KCSIHKERPQ KHSHEIFRDS SLVNEQSQIT R R K K R K K D F Q H L I S S P L K K S R I C D E T A N A T S T L K K R K K R R Y S A L E V D E E A G V T V V L V D K E N I N N T P K H F R K D V D V V C V D M S I E Q K L P R K P K T D K F Q V L A K S H A H K S E A L H S K V R E K K N K K H Q R K A A S W E S Q R A R D T L P Q S E S H Q E E S W L S V G P G G E I T E L P A S A H K N K S K K K K K S S N R E Y E T L A M P E G S Q A G R E A G T D M Q E S Q P T V G L D D E T P Q L L G P T H K K K S K K K K K K S N H Q E F E A L A M P E G S Q V G S E V G A D M Q E S R P A V G L H G E T A G I P A P A Y K N K S K K K K K K S N H Q E F E A V A M P E S L E S A Y P E G S Q V G S E V G T V E G S T A L K G F K E S N S T K K K S K K R K L T S V K R A R V S G D D F S V P S K N S E S T L F D S V E G D G A M M E E G V K S R P R Q K K T Q A C L A S K H V Q E A P R L E P A N E E H N V E T A E D S E I R Y L S A D S G D A D D S D A D L G S A V K Q L Q E F I P N I K D R A T S T I K R M Y R D D L E R F K E F K A Q G V A I K F G K F S V K E N K Q L E K N V E D F L A L T G I E S A D K L L Y T D R Y P E E K S V I T N L K R R Y S F R L H I G R N I A R P W K L I Y Y R A K K M F D V N N Y K G R Y S E G D T E K L K M Y H S L L G N D W K T I G E M V A R S S L S V A L K F S Q I S S Q R N R G A W S K S E T R K L I K A V E E V I L K K M S P Q E L K E V D S K L Q E N P E S C L S I V R E K L Y K G I

Product Details

SWVEVEAKVQ TRNWMQCKSK WTEILTKRMT NGRRIYYGMN ALRAKVSLIE RLYEINVEDT
NEIDWEDLAS AIGDVPPSYV QTKFSRLKAV YVPFWQKKTF PEIIDYLYET TLPLLKEKLE
KMMEKKGTKI QTPAAPKQVF PFRDIFYED DSEGEDIEKE SEGQAPCMAH ACNSSTLGGQ GRWII

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TTF1

Alternative Name: TTF1 ([TTF1 Products](#))

Background: Transcription termination factor 1 (TTF-1) (RNA polymerase I termination factor) (Transcription termination factor I) (TTF-I),FUNCTION: Multifunctional nucleolar protein that terminates ribosomal gene transcription, mediates replication fork arrest and regulates RNA polymerase I transcription on chromatin. Plays a dual role in rDNA regulation, being involved in both activation and silencing of rDNA transcription. Interaction with BAZ2A/TIP5 recovers DNA-

Target Details

binding activity. {ECO:0000250|UniProtKB:Q62187, ECO:0000269|PubMed:7597036}.

Molecular Weight: 103.1 kDa

UniProt: [Q15361](#)

Pathways: [Thyroid Hormone Synthesis, Regulation of Systemic Arterial Blood Pressure by Hormones, Feeding Behaviour](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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