

Datasheet for ABIN7556250
TFEC Protein (AA 1-317) (His tag)



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Overview

Quantity:	1 mg
Target:	TFEC
Protein Characteristics:	AA 1-317
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFEC protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tfec Protein expressed in mammalien cells.
Sequence:	MTFDCRVCDQ TLKRAQPPAA SCMPLAEHEP MSPDSDAGCA GNPFTNLLAL GKKGDAEKWH LSGSILDVYS DEQGISSANA GLTDAPCPSI LPMRKEIAET DGRALAKERQ KKDHNHLIER RRRYNINYRI KELGTLPKS NDPDMRWNGK TILKASVDYI KWLQKEQRA RELEHRQKKL EHANRQLRLR IQELEIQARA HGLPILASLG TADVGTHITK QQTHPERNLG GCCLQLTPTQ GTSPEFYEQ VAFSDPLSHF TDLFSFAALK EEQRLDGMLL SDTICPFGTD PLLSAISPAV SKASSRSSL SSEDGDEL 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.

Product Details

- 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:	TFEC
Alternative Name:	Tfec (TFEC Products)
Background:	Transcription factor EC (TFE-C) (mTFEC),FUNCTION: Transcriptional regulator that acts as a repressor or an activator. Acts as a transcriptional transactivator on the proximal promoter region of the tartrate-resistant acid phosphatase (TRAP) E-box containing promoter. Collaborates with MITF in target gene activation. Acts as a transcriptional repressor on minimal promoter containing element F (that includes an E-box sequence) (By similarity). Binds to element F in an E-box sequence-specific manner (By similarity). Acts as a transcriptional repressor on minimal promoter containing mu E3 enhancer sequence (By similarity). Binds to mu E3 DNA sequence of the immunoglobulin heavy-chain gene enhancer (By similarity). Binds DNA in a homo- or heterodimeric form. {ECO:0000250, ECO:0000269 PubMed:11818452}.
Molecular Weight:	35.1 kDa
UniProt:	Q9WTW4

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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