

Datasheet for ABIN7544433
TFEC Protein (AA 1-347) (His tag)



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Overview

Quantity:	1 mg
Target:	TFEC
Protein Characteristics:	AA 1-347
Origin:	Human
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 mammalian cells.
Sequence:	<p>MTLDHQIINP TLKWSQPAVP SGGPLVQHAH TTLSDAGLT ENPLTKLLAI GKEDDNAQWH MEDVIEDIIG MESSFKEEGA DSPLLMQRTL SGSILDVYSG EQGISPINMG LTSASCPSSL PMKREITETD TRALAKERQK KDNHNLIERR RRYNINYRIK ELGTLIPKSN DPDMRWNKGT ILKASVEYIK WLQKEQQRAR ELEHRQKKLE QANRRLLLRI QELEIQARTH GLPTLASLGT VDLGAHVTKQ QSHPEQNSVD YCQQLTVSQG PSPELCDQAI AFSDPLSYFT DLSFSAALKE EQRLDGMLLD DTISPFGTDP LLSATSPAVS KESSRRSSFS SDDGDEL 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	TFEC
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Alternative Name:	TFEC (TFEC Products)
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Background:	<p>Transcription factor EC (TFE-C) (Class E basic helix-loop-helix protein 34) (bHLHe34) (Transcription factor EC-like) (hTFEC-L),FUNCTION: Transcriptional regulator that acts as a repressor or an activator. Acts as a transcriptional repressor on minimal promoter containing element F (that includes an E-box sequence). Binds to element F in an E-box sequence-specific manner. Acts as a transcriptional transactivator on the proximal promoter region of the tartrate-resistant acid phosphatase (TRAP) E-box containing promoter (By similarity). Collaborates with MITF in target gene activation (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:11467950, ECO:0000269 PubMed:9256061}.</p>
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Molecular Weight:	38.8 kDa
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UniProt:	O14948
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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.
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Restrictions:	For Research Use only
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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