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Datasheet for ABIN7560405

T-Box 19 Protein (TBX19) (AA 1-446) (His tag)

Overview

Quantity:	1 mg
Target:	T-Box 19 (TBX19)
Protein Characteristics:	AA 1-446
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This T-Box 19 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Tbx19 Protein expressed in mammalian cells.
Sequence:	MSELATQKAG EGTVSRLNVESELQAGRE KGDPTKQLQ IILEDAPLWQ RFKEVTNEMI VTKNGRRMFP VLKISVTGLD PNAMYSLLLD FVRTDSHRWK YVNGEWPAG KPEVSSHSCV YIHPDSPNFG AHWMKAPISF SKVKLTNKLN GGGQIMLNSL HKYEPQVHIV RVGGAHRMVM NCSFPETQFI AVTAYQNEEI TALKIKYNPF AKAFLDAKER NHLKDVPEAI SESQHVTYSH LGGWILSNPD GVCTAANSNY QYATPLPLPA PHTHHGCEHY AGLRGHRQAP YPSAYMHRNH SPSVNLISS SNNLQVFSGP DSWTSLSSTP HASILSVPHS NGPINPGPSP YPCLWTISNG GGGPVAGSE VHAHSTGTL LGNPAVTSPS SLLPTQATTS AGVEVLGEPSTLSIAVSTWT AVASHPLPGW GPGGAGRHS SSSLDS 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:

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:	T-Box 19 (TBX19)
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Alternative Name:	Tbx19 (TBX19 Products)
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Background:	T-box transcription factor TBX19 (T-box protein 19) (T-box factor, pituitary),FUNCTION: Transcriptional regulator involved in developmental processes. Can activate POMC gene expression and repress the alpha glycoprotein subunit and thyroid-stimulating hormone beta promoters. {ECO:0000269 PubMed:11290323}.
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Molecular Weight:	48.0 kDa
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UniProt:	Q99ME7
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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