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Datasheet for ABIN7544242

T-Box 6 Protein (TBX6) (AA 1-436) (His tag)

Overview

Quantity:	1 mg
Target:	T-Box 6 (TBX6)
Protein Characteristics:	AA 1-436
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This T-Box 6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TBX6 Protein expressed in mammalien cells.
Sequence:	MYHPRELYPS LGAGYRLGPA QPGADSSFPP ALAEGYRYPE LDTPKLCDFL SGMEAAPRTL AAHPPLPLLP PAMGTEPAPS APEALHSLPG VLSLENREL WKEFSSVGTE MIITKAGRRM FPACRVSVTG LDPEARYLFL LDVIPVDGAR YRWQGRRWEP SGKAEPRLPD RVYIHPDSPA TGAHWMRQPV SFHRVCLTNS TLDPHGHLIL HSMHKYQPRI HLVRAAQLCS QHWGGMASFR FPETTFISVT AYQNPQITQL KIAANPFAKG FRENGRNCKR ERDARVKRKL RGPEPAATEA YGS GDTPGGP CDSTLGGDIR ESDPEQAPAP GEATAAPAPL CCGPSAEAYL LHPAAFHGAP SHLPTRSPSF PEAPDSGRSA PYSAAFLELP HGSGGSGYPA APPAVPFAPH FLQGGPFPLP YTAPGGYLDV GSKPMY 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 6 (TBX6)
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Alternative Name:	TBX6 (TBX6 Products)
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Background:	T-box transcription factor TBX6 (T-box protein 6),FUNCTION: T-box transcription factor that plays an essential role in the determination of the fate of axial stem cells: neural vs mesodermal. Acts in part by down-regulating, a specific enhancer (N1) of SOX2, to inhibit neural development. Seems to play also an essential role in left/right axis determination and acts through effects on Notch signaling around the node as well as through an effect on the morphology and motility of the nodal cilia (By similarity). {ECO:0000250}.
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Molecular Weight:	47.0 kDa
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UniProt:	O95947
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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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Application Details

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