

Datasheet for ABIN7556698

**T-Box 6 Protein (TBX6) (AA 1-436) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	T-Box 6 (TBX6)
Protein Characteristics:	AA 1-436
Origin:	Mouse
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 LGTGYRLGHP QPGADSTFPP ALTEGYRYPD LDTSKLD CFL SGIEAAPHTL AAAAPLPLLP SALGPETAPP PPEALHSLPG VLSLENQEL WKEFSAVGTE MIITKAGRRM FPACRVSVTG LDPEARYLFL LDVVPVDGAR YRWQQQHWEP SGKAEPRLPD RVYIHPDSPA TGAHWMRQPV SFHRVCLTNS TLDPHGHLIL HSMHKYQPRI HLVRATQLCS QHWGGVASFR FPETTFISVT AYQNPRITQL KIAANPFAKG FRENGRNCKR ERDARVKRKL RGPEPVATEA CGSGDTPGGP CDSTLGGDIR DSDPEQAPTQ QEAASASAPP CGGPSAEAYL LHPAAFHGAP SHLPARTPSF AEAPDPGRPA PYSAAFLLDQ PGPGG SAYQA APSVPSFAPH FIQGGPFPLP YPGPGGYLDM GSKPMY <b>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.</b>
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	T-Box 6 (TBX6)
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Alternative Name:	Tbx6 ( <a href="#">TBX6 Products</a> )
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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. {ECO:0000269 PubMed:15545628, ECO:0000269 PubMed:18575602, ECO:0000269 PubMed:21331042, ECO:0000269 PubMed:9490412}.
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Molecular Weight:	47.0 kDa
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UniProt:	<a href="#">P70327</a>
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## Application Details

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

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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

## Handling

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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