

Datasheet for ABIN7557690  
**TFAP2B Protein (AA 1-459) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TFAP2B
Protein Characteristics:	AA 1-459
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFAP2B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Tfp2b Protein expressed in mammalien cells.
Sequence:	MHSPPRDQAA IMLWKLVENV KYEDIYEDRH DGVPSHSSRL SQLGVSQGP YSSAPPLSHT PSSDFQPPYF PPPYQLPYH QSQDPYSHVN DPYSLNPLHQ PQQHPWGQRQ RQEVGSEAGS LLQPRAALP QLSGLDPRRD YHSVRRPDVL LSAHHGLDA GMGDSLSLHG LGHPGMEDVQ SVEDANNSGM NLLDQSVIKK VPVPPKSVTS LMMNKDGFLG GMSVNTGEVF CSVPGRLSLL SSTSKYKVTV GEVQRRLSPP ECLNASLLGG VLRRAKSKNG GRSLRERLEK IGLNLPAGRR KAANVTLLTS LVEGEAVHLA RDFGYICETE FPAKAVSEYL NRQHTDPSDL HSRKNMLLAT KQLCKEFTDL LAQDRTPIGN SRPSPILEPG IQSCLTHFSL ITHGFGAPAI CAALTALQNY LTEALKGMDK MFLNNTTNRH TSGEGPGSKT GDKEEKHRK <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>

## Product Details

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### Characteristics:

#### Key Benefits:

- 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

## Target Details

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### Target:

TFAP2B

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### Alternative Name:

Tfap2b ([TFAP2B Products](#))

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### Background:

Transcription factor AP-2-beta (AP2-beta) (Activating enhancer-binding protein 2-beta),FUNCTION: Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.  
{ECO:0000250|UniProtKB:Q92481}.

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### Molecular Weight:

50.4 kDa

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### UniProt:

[Q61313](#)

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### Pathways:

[Carbohydrate Homeostasis](#), [Synaptic Membrane](#)

## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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