

Datasheet for ABIN7558538  
**PKNOX2 Protein (AA 1-474) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PKNOX2
Protein Characteristics:	AA 1-474
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKNOX2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Pknox2 Protein expressed in mammalien cells.
Sequence:	MMQHASPAPA LTMMATQNVPPPPYQDSPQM TATAQPPSKA QAVHISAPSA TASTPVPSAP IDPQAQLEAD KRAVYRHPLF PLLTLLFEKC EQATQGSECI TSASFVDVIE NFBVHQEQEH KPFSDDPPEL DNLMVKAIQV LRIHLLELEK VNELCKDFCN RYITCLKTKM HSDNLLRNDL GGPYSPNQPS INLHSQDLLQ NSPNSMSGVS NNPQGIVVPA SALQQGNIAM TTVNSQVWVG GALYQPVTMV TSQGQVVTQA IPQGAIQIQN TQVNLDTSL LDNEDKKS KN KRGVLPKHAT NIMRSWLFQH LMHPYPTETE KRQIAAQTNL TLLQVNNWFI NARRRILQPM LDASNPD PAP KAKKIKSQHR PTQRFWPNSI AAGVLQQQGG TPGTNP D GSI NLDNLQSLSS DNATMAMQQA MMAAHDDSLD GTEEEDEDDM EEEEEEEEL EEEADELQTT NVSDLGLEHS DSLE <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:

PKNOX2

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### Alternative Name:

Pknox2 ([PKNOX2 Products](#))

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### Background:

Homeobox protein PKNOX2 (Homeobox protein PREP-2) (PBX/knotted homeobox 2)

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### Molecular Weight:

52.3 kDa

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### UniProt:

[Q8BG99](#)

## 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

## 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