

Datasheet for ABIN7556889  
**SOX8 Protein (AA 1-464) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SOX8
Protein Characteristics:	AA 1-464
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Sox8 Protein expressed in mammalien cells.
Sequence:	<p>MLDMSEARAQ PPCSPSGTAS SSMHVEDSDS DAPPSPAGSE GLGRAGGGGR GDTEEAADER FPACIRDAVS QVLKGYDWSL VPMPVRGGGG GTLKAKPHVK RPMNAFMVWA QAARRKLADQ YPHLHNAELS KTLGKLRLL SESEKRPFVE EAERLRVQHK KDHPDYKYQP RRRKSVKTGR SDSDSGTELG HHPGGPMYKA DAVLGEAHHH SDHHTGQTHG PPTPPTPKT DLHQASNGSK QELRLEGRRL VDSGRQNIDF SNVDISELSS EVISNMDTFD VHEFDQYLPL NGHSALEPTEP SQATASGSYG GASYSHSGAT GIGASPVWAH KGAPSASASP TEAGPLRPQI KTEQLSPSHY NDQSHGSPGR ADYGSYSAQA SVTTAASATA ASSFASAQCD YTDLQASNY SPYPGYPPSL YQYPYFHSSR RPYASPLLNG LSMPPAHSPS SNWDQPVYTT LTRP <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></p>

## 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:

SOX8

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### Alternative Name:

Sox8 ([SOX8 Products](#))

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### Background:

Transcription factor SOX-8,FUNCTION: Transcription factor that may play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3'. {ECO:0000269|PubMed:10684944}.

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### Molecular Weight:

49.9 kDa

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### UniProt:

[Q04886](#)

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### Pathways:

[Regulation of Muscle Cell Differentiation, Tube Formation, Skeletal Muscle Fiber Development](#)

## 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