

Datasheet for ABIN7563259  
**SOX15 Protein (AA 1-231) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SOX15
Protein Characteristics:	AA 1-231
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX15 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sox15 Protein expressed in mammalian cells.
Sequence:	<p>MALTSSSQAE TWSLHPRASL ASLPLGPQEQ EAGGSPGASG GLPLEKVCRP MNAFMVWSSV</p> <p>QRRQMAQQNP KMHNSEISKR LGAQWKLLGD EEKRPFVEEA KRLRARHLRD YPDYKYRPRR</p> <p>KSKNSSTGSV PFSQEGGGLA CGGSHWGPGY TTTQGSRGFG YQPPNYSTAY LPGSYTSSHC</p> <p>RPEAPLPCTF PQSDPRLQGE LRPSFSPYLS PDSSTPYNTS LAGAPMPVTH L <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## Product Details

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	SOX15
Alternative Name:	Sox15 ( <a href="#">SOX15 Products</a> )
Background:	<p>Protein SOX-15,FUNCTION: Transcription factor that binds to DNA at the 5'-ACAATG-3' consensus sequence (PubMed:10821863, PubMed:15863505, PubMed:16759287, PubMed:17363903). Acts as a transcriptional activator and repressor (PubMed:10821863, PubMed:15863505, PubMed:16759287). Binds synergistically with POU5F1 (OCT3/4) to gene promoters (PubMed:15863505). Binds to the FOXC1 promoter and recruits FHL3, resulting in transcriptional activation of FOXC1 which leads to myoblast proliferation (PubMed:17363903). Acts as an inhibitor of myoblast differentiation via transcriptional repression which leads to down-regulation of the muscle-specific genes MYOD and MYOG (PubMed:10821863). Involved in trophoblast giant cell differentiation via enhancement of HAND1 transcriptional activity (PubMed:16759287). Regulates transcription of HRC via binding to its proximal enhancer region (PubMed:15863505). Involved in skeletal muscle regeneration (PubMed:15367664, PubMed:17363903). Also plays a role in the development of myogenic precursor cells (PubMed:15367664). {ECO:0000269 PubMed:10821863, ECO:0000269 PubMed:15367664, ECO:0000269 PubMed:15863505, ECO:0000269 PubMed:16759287, ECO:0000269 PubMed:17363903}.</p>

## Target Details

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Molecular Weight: 25.3 kDa

UniProt: [P43267](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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