

Datasheet for ABIN7558486  
**SOX21 Protein (AA 1-276) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SOX21
Protein Characteristics:	AA 1-276
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX21 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Sox21 Protein expressed in mammalien cells.
Sequence:	MSKPVDHVKR PMNAFMVWSR AQRKMAQEN PKMHNSEISK RLGAEWKLLT ESEKRPFIDE AKRLRAMHMK EHPDYKYRPR RPKTKLLKGD KFAFPVPYGL GSVADAEHPA LKAGAGLHAG AGGGLVPESL LANPEKAAAA AAAAAARVFF PQSAAAAAAAA AAAAAAGSPY SLLDLGSKMA EISSSSGLP YASSLGYPTA GAGAFHGAAA AAAAAAAAAG GHTHSHPSPG NPGYMIPCNC SAWPSPGLQP PLAYILLPGM GKPQLDPYPA AYAAAL <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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>
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## 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.

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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:	SOX21
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Alternative Name:	Sox21 ( <a href="#">SOX21 Products</a> )
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Background:	Transcription factor SOX-21,FUNCTION: May play a role as an activator of transcription of OPRM1 (PubMed:12446692). Overexpression of SOX21 can up-regulate the OPRM1 distal promoter activity in mor-expressing neuronal cells (PubMed:12446692). May play a role in ameloblast differentiation (PubMed:34812512). {ECO:0000269 PubMed:12446692, ECO:0000269 PubMed:34812512}.
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Molecular Weight:	28.6 kDa
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UniProt:	<a href="#">Q811W0</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 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
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