

Datasheet for ABIN7558188
SOX11 Protein (AA 1-395) (His tag)



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Overview

Quantity:	1 mg
Target:	SOX11
Protein Characteristics:	AA 1-395
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX11 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sox11 Protein expressed in mammalian cells.
Sequence:	MVQQAESSEA ESNLPRDALD TEEGEFMACS PVALDESDPD WCKTASGHIK RPMNAFMVWS KIERRKIMEQ SPDMHNAEIS KRLGKRWKML KDSEKIPFIR EAERLRKHM ADYPDYKYRP RKKPKTDPAA KPSAGQSPDK SAAGAKAAGK PGKKCAKLKA PAGKAGAGKA AQPGDCAAGK AAKCVFLDDD DEDDDEDEL QLRPKPDADD DDDEPAHSHL LPPPTQQPP QLLRRYSVAK VPASPTLSSA AESPEGASLY DEVRAGGRLY YSFKNITKQQ PPPAPPALSP ASSRCVSTSS SSGSSSGSGA EDADDLMFDL SLNFSQGAHS ACEQPLGAGA AGNLSLSLVD KDLDSESEGS LGSHFEFPDY CPELSEMIAGDWLEANFSD LVFTY 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.
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.

Product Details

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.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

SOX11

Alternative Name:

Sox11 ([SOX11 Products](#))

Background:

Transcription factor SOX-11,FUNCTION: Transcription factor that acts as a transcriptional activator (PubMed:18505825, PubMed:18403418). Binds cooperatively with POU3F2/BRN2 or POU3F1/OCT6 to gene promoters, which enhances transcriptional activation (PubMed:18505825, PubMed:18403418). Acts as a transcriptional activator of TEAD2 by binding to its gene promoter and first intron (PubMed:20596238). Plays a redundant role with SOX4 and SOX12 in cell survival of developing tissues such as the neural tube, branchial arches and somites, thereby contributing to organogenesis (PubMed:20596238).
{ECO:0000269|PubMed:18403418, ECO:0000269|PubMed:18505825, ECO:0000269|PubMed:20596238}.

Molecular Weight:

42.6 kDa

UniProt:

[Q7M6Y2](#)

Pathways:

[Tube Formation](#)

Application Details

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

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
