

Datasheet for ABIN7556907
SOX4 Protein (AA 1-440) (His tag)



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Overview

Quantity:	1 mg
Target:	SOX4
Protein Characteristics:	AA 1-440
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sox4 Protein expressed in mammalian cells.
Sequence:	<p>MVQQTNNAEN TEALLAGESS DSGAGLELGI ASSPTPGSTA STGGKADDPS WCKTPSGHIK RPMNAFMVWS QIERRKIMEQ SPDMHNAEIS KRLGKRWKLL KDSDKIPFIQ EAERLRLKHM ADYDPDYKYRP RKKVKSGNAG AGSAATAKPG EKGDKVAGSS GHAGSSHAGG GAGGSSKPAP KKSCGPKVAG SSVGKPHAKL VPAGGSKAAA SFSPEQAALL PLGEPTAVYK VRTPSAATPA ASSSPSSALA TPAKHPADKK VKRVYLFGLS GASASPVGGL GASADPSDPL GLYEDGGPGC SPDGRSLSGR SSAASSPAAS RSPADHRGYA SLRAASPAPS SAPSHASSSL SSSSSSSSGS SSSDDEFEDD LLDLNPSSNF ESMSLGSFSS SSALDRDLDF NFEPGSGSHF EFPDYCTPEV SEMISSGDWLE SSISNLVFTY 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.</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.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SOX4
Alternative Name:	Sox4 (SOX4 Products)
Background:	<p>Transcription factor SOX-4,FUNCTION: Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif (PubMed:8404853). Required for IL17A-producing Vgamma2-positive gamma-delta T-cell maturation and development, via binding to regulator loci of RORC to modulate expression (PubMed:23562159). Involved in skeletal myoblast differentiation by promoting gene expression of CALD1 (PubMed:26291311).</p> <p>{ECO:0000269 PubMed:23562159, ECO:0000269 PubMed:26291311, ECO:0000269 PubMed:8404853}.</p>
Molecular Weight:	45.0 kDa
UniProt:	Q06831

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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