



Datasheet for ABIN2732475

SOX9 Protein (Myc-DYKDDDDK Tag)



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1 Image

1 Publication

Overview

Quantity:	20 µg
Target:	SOX9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX9 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human SOX9 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	SOX9
Alternative Name:	Sox9 (SOX9 Products)
Background:	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.

Target Details

Molecular Weight:	56 kDa
NCBI Accession:	NP_000337
Pathways:	EGFR Signaling Pathway , Stem Cell Maintenance , Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development

Application Details

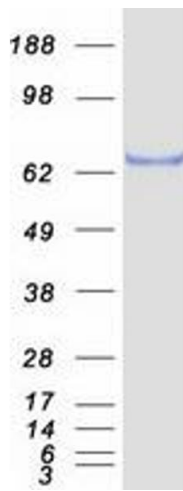
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Shi, Chiang, Labhart, Zhao, Yang, Mistretta, Henning, Maity, Mori-Akiyama: "Context-specific role of SOX9 in NF-Y mediated gene regulation in colorectal cancer cells." in: Nucleic acids research , Vol. 43, Issue 13, pp. 6257-69, (2015) (PubMed).
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Western Blotting

Image 1. Validation with Western Blot