

Datasheet for ABIN2732454

SOX4 Protein (Myc-DYKDDDDK Tag)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	SOX4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human SOX4 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:	SOX4
Alternative Name:	Sox4 (SOX4 Products)
Background:	<p>This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin).</p> <p>The protein may function in the apoptosis pathway leading to cell death as well as to</p>

Target Details

tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein.

Molecular Weight: 47.1 kDa

NCBI Accession: [NP_003098](#)

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: Simon, Niklason, Humphrey: "Tissue Transglutaminase, Not Lysyl Oxidase, Dominates Early Calcium-Dependent Remodeling of Fibroblast-Populated Collagen Lattices." in: **Cells, tissues, organs**, Vol. 200, Issue 2, pp. 104-17, (2016) ([PubMed](#)).

Li, Ruan, Yang, Kiesewetter, Zhao, Luo, Chen, Gucek, Zhu, Cao: "A liver-enriched long non-coding RNA, lncLSTR, regulates systemic lipid metabolism in mice." in: **Cell metabolism**, Vol. 21, Issue 3, pp. 455-67, (2015) ([PubMed](#)).

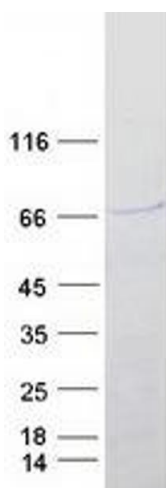
Heckler, Riggins: "ERRβ splice variants differentially regulate cell cycle progression." in: **Cell cycle (Georgetown, Tex.)**, Vol. 14, Issue 1, pp. 31-45, (2015) ([PubMed](#)).

Publications

Vizoso, Ferreira, Lopez-Serra, Carmona, Martínez-Cardús, Girotti, Villanueva, Guil, Moutinho, Liz, Portela, Heyn, Moran, Vidal, Martinez-Iniesta, Manzano, Fernandez-Figueras, Elez, Muñoz-Couselo et al.: "Epigenetic activation of a cryptic TBC1D16 transcript enhances melanoma progression by targeting EGFR. ..." in: **Nature medicine**, Vol. 21, Issue 7, pp. 741-50, (2015) ([PubMed](#)).

Liu, Lu, Ali, Liu, Zheng, Dai, Li, Xu, Hua, Zhou, Ortega, Li, Kunkel, Shen: "Okazaki fragment maturation involves α -segment error editing by the mammalian FEN1/MutSa functional complex." in: **The EMBO journal**, Vol. 34, Issue 13, pp. 1829-43, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. Validation with Western Blot