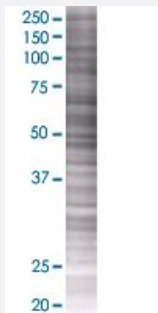


SOX10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006663-T01

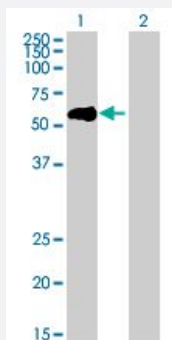
Size 100 uL

Applications



SDS-PAGE Gel

SOX10 transfected lysate.



Western Blot

Lane 1: SOX10 transfected lysate (49.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SOX10 full-length

Host Human

Theoretical MW (kDa) 49.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SOX10 antibody ([H00006663-B01](#)) by Western Blots.
SDS-PAGE Gel
SOX10 transfected lysate.
Western Blot
Lane 1: SOX10 transfected lysate (49.9 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SOX10

Entrez GeneID[6663](#)**GeneBank Accession#**[NM_006941.3](#)**Protein Accession#**[NP_008872.1](#)**Gene Name**

SOX10

Gene Alias

DOM, MGC15649, WS2E, WS4

Gene Description

SRY (sex determining region Y)-box 10

Omim ID[277580](#) [601706](#) [602229](#) [609136](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This 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 activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq]

Other Designations

OTTHUMP00000028515|OTTHUMP00000195094|SRY-related HMG-box gene 10|dominant megacolon, mouse, human homolog of

Disease

- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Kidney Failure](#)

- [Malignant melanoma](#)
- [Melanoma](#)
- [Neoplasm Metastasis](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)