



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## SHOX2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006474-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

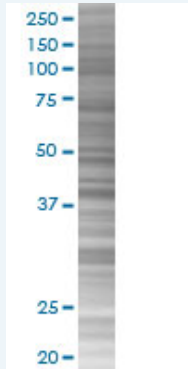
**Plasmid:** pCMV-SHOX2 full-length

**Host:** Human

**Theoretical MW (kDa):** 39.16

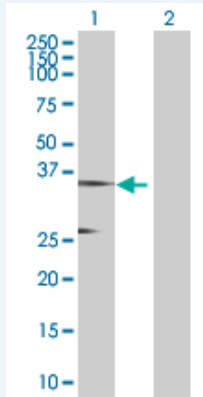
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-SHOX2 antibody (H00006474-B01) by Western Blots.

#### SDS-PAGE Gel



SHOX2 transfected lysate.

#### Western Blot



Lane 1: SHOX2 transfected lysate ( 39.16 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.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [6474](#)

GeneBank Accession#: [BC008829.2](#)

Protein Accession#: =

Gene Name: SHOX2

Gene Alias: OG12,OG12X,OGI2X,SHOT

Gene Description: short stature homeobox 2

Omim ID: [602504](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations:** SHOX homologous gene on chromosome 3,short stature homeobox homolog