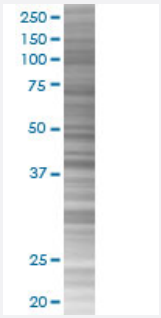
SHOX2 293T Cell Transient Overexpression Lysate(Denatured)

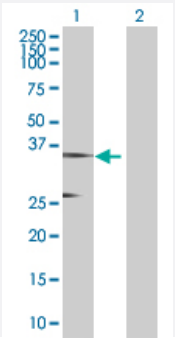
Catalog # H00006474-T01 Size 100 uL

Applications



SDS-PAGE Gel

SHOX2 transfected lysate.



Western Blot

Lane 1: SHOX2 transfected lysate (39.16 KDa)
Lane 2: Non-transfected lysate.

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 We stern 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.

Applications

- Western Blot

Gene Info — SHOX2

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