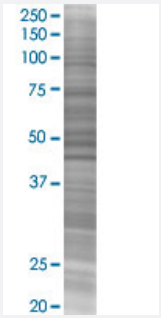
HOXD13 293T Cell Transient Overexpression Lysate(Denatured)

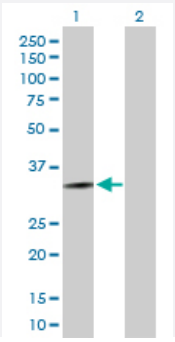
Catalog # H00003239-T02 Size 100 uL

Applications



SDS-PAGE Gel

HOXD13 transfected lysate.



Western Blot

Lane 1: HOXD13 transfected lysate (37.73 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HOXD13 full-length
Host	Human
Theoretical MW (kDa)	37.73
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-HOXD13 antibody (H00003239-D01P) by Western Blots. SDS-PAGE Gel HOXD13 transfected lysate. Western Blot Lane 1: HOXD13 transfected lysate (37.73 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 — HOXD13

Entrez GeneID	3239
GeneBank Accession#	BC148863
Protein Accession#	AAI48864.1
Gene Name	HOXD13
Gene Alias	BDE, BDSD, HOX4I, SPD
Gene Description	homeobox D13
Omim ID	113200 113300 142989 186000 186300 610713
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly. [provided by RefSeq
Other Designations	homeo box 4I|homeo box D13

Disease

- Alzheimer disease
- Autistic Disorder

- Cardiovascular Diseases
- Clubfoot
- Cryptorchidism
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis