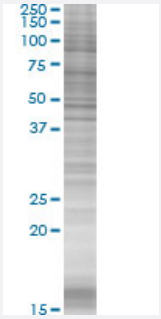
MYOD1 293T Cell Transient Overexpression Lysate(Denatured)

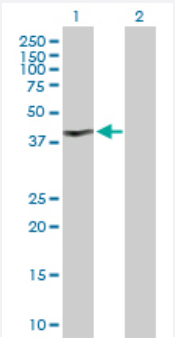
Catalog # H00004654-T01 Size 100 uL

Applications



SDS-PAGE Gel

MYOD1 transfected lysate.



Western Blot

Lane 1: MYOD1 transfected lysate (34.50 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MYOD1 full-length
Host	Human
Theoretical MW (kDa)	34.5
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-MYOD1 antibody (H00004654-D01P) by W estern Blots. SDS-PAGE Gel MYOD1 transfected lysate. Western Blot Lane 1: MYOD1 transfected lysate (34.50 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 — MYOD1

Entrez GeneID	4654
GeneBank Accession#	NM_002478.4
Protein Accession#	NP_002469.2
Gene Name	MYOD1
Gene Alias	MYF3, MYOD, PUM, bHLHc1
Gene Description	myogenic differentiation 1
Omim ID	159970
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis. [provided by RefSeq
Other Designations	myoblast determination protein 1|myogenic factor 3

Disease

- Carotid Artery Diseases
- Plaque