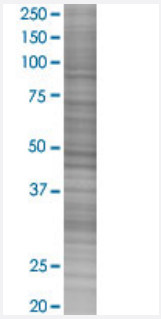
NR4A1 293T Cell Transient Overexpression Lysate(Denatured)

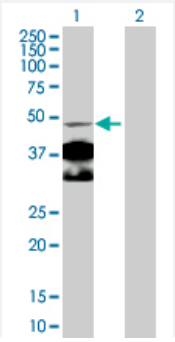
Catalog # H00003164-T02 Size 100 uL

Applications



SDS-PAGE Gel

NR4A1 transfected lysate.



Western Blot

Lane 1: NR4A1 transfected lysate (64.50 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NR4A1 full-length
Host	Human
Theoretical MW (kDa)	64.5
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NR4A1 antibody (H00003164-D01P) by W estern Blots. SDS-PAGE Gel NR4A1 transfected lysate. Western Blot Lane 1: NR4A1 transfected lysate (64.50 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 — NR4A1

Entrez GeneID	3164
GeneBank Accession#	NM_002135.3
Protein Accession#	NP_002126.2
Gene Name	NR4A1
Gene Alias	GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3
Gene Description	nuclear receptor subfamily 4, group A, member 1
Omim ID	139139
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq
Other Designations	TR3 orphan receptor|early response protein NAK1|growth factor-inducible nuclear protein N10|hormone receptor|orphan nuclear receptor HMR|steroid receptor TR3

Pathway

- MAPK signaling pathway

Disease

- Diabetes Mellitus
- Dyskinesia
- Genetic Predisposition to Disease
- Insulin Resistance
- Narcolepsy
- Schizophrenia