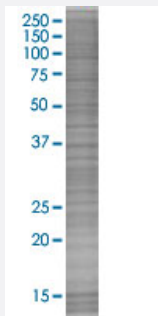


NR1I3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009970-T02

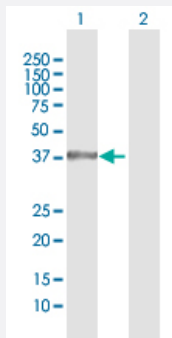
Size 100 uL

Applications



SDS-PAGE Gel

NR1I3 transfected lysate.



Western Blot

Lane 1: NR1I3 transfected lysate (39.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NR1I3 full-length
Host	Human
Theoretical MW (kDa)	39.9
Interspecies Antigen Sequence	Mouse (73); Rat (78)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NR1I3 antibody ([H00009970-D01](#)) by Western Blots.
SDS-PAGE Gel
NR1I3 transfected lysate.
Western Blot
Lane 1: NR1I3 transfected lysate (39.9 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 — NR1I3

Entrez GeneID

[9970](#)

GeneBank Accession#

[BC069626.1](#)

Protein Accession#

[NP_001070948.1](#)

Gene Name

NR1I3

Gene Alias

CAR, CAR1, MB67, MGC150433, MGC97144, MGC97209

Gene Description

nuclear receptor subfamily 1, group I, member 3

Omim ID

[603881](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000032245|OTTHUMP00000032246|constitutive activator of retinoid response|constitutive active receptor|constitutive androstane receptor|orphan nuclear hormone receptor

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Kidney Failure](#)
- [Leukopenia](#)
- [Neutropenia](#)