

Human NR2C2 Knockdown Cell Lysate

Cat. No. NR2C2-506HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview WB-validated NR2C2 Knockdown HT-1080 Cell Lysate

Species Human

Source HT-1080

Description This gene encodes a protein that belongs to the nuclear hormone receptor family. Members of this family act as ligand-activated transcription factors and function in many biological processes such as development, cellular differentiation and homeostasis. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes. The protein encoded by this gene plays a role in protecting cells from oxidative stress and damage induced by ionizing radiation. The lack of a similar gene in mouse results in growth retardation, severe spinal curvature, subfertility, premature aging, and prostatic intraepithelial neoplasia (PIN) development. Alternative splicing results in multiple transcript variants encoding different isoforms.

Form Cell-Tissue Lysis buffer

Molecular Mass 65 kDa

Notes Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg NR2C2 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	NR2C2 nuclear receptor subfamily 2, group C, member 2 [Homo sapiens (human)]
Official Symbol	NR2C2
Synonyms	NR2C2; nuclear receptor subfamily 2, group C, member 2; TR4; nuclear receptor subfamily 2 group C member 2; hTAK1; TAK1; TR2R1; testicular receptor 4; orphan nuclear receptor TR4; Nuclear hormone receptor TR4; TR4 nuclear hormone receptor; orphan nuclear receptor TAK1; testicular nuclear receptor 4;
Gene ID	7182
mRNA Refseq	NM_003298
Protein Refseq	NP_003289
MIM	601426

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P49116

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA