

## Product datasheet for **LY300506**

### NR2C2 Human Knockdown Lysate

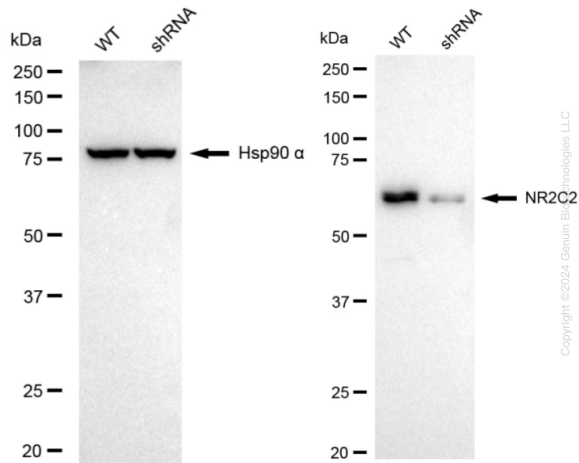
#### Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated NR2C2 Knockdown HT-1080 Cell Lysate
Species:	Human
Tag:	Tag Free
Synonyms:	NR2C2; Nuclear Receptor Subfamily 2 Group C Member 2; TAK1; TR4; Orphan Nuclear Receptor TAK1; Orphan Nuclear Receptor TR4; TR2R1; HTAK1; Nuclear Receptor Subfamily 2, Group C, Member 2; Testicular Nuclear Receptor 4; Nuclear Hormone Receptor TR4; Testicular Receptor 4; Orphan Receptor TR4
Predicted MW:	65 kDa
Components:	1 vial of 100 ug WT HT-1080 cell lysate 1 vial of 100 ug NR2C2 KD HT-1080 cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	7182
UniProt ID:	<a href="#">P49116</a>
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

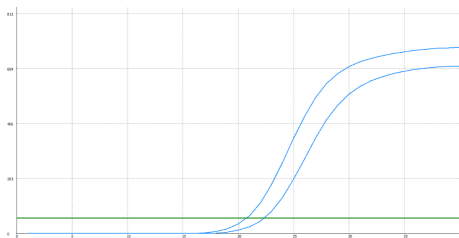


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## Product images:



Western blotting analysis. NR2C2 protein expression in wild-type (WT) and shRNA knockdown (KD) HT-1080 cells was detected using Western blotting. Hsp90 α served as a loading control. The blots were incubated with primary antibodies against NR2C2 and Hsp90 α, respectively, followed by incubating with HRP-conjugated goat anti-rabbit secondary antibody. Images were developed using FeQ™ ECL Substrate Kit.



Genotype	Ct Value
Wild-Type	20.45
Knock-Down	21.91
$\Delta Ct (Ct_{KD} - Ct_{WT})$	1.46
% mRNA Reduction	↓ 64%

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RT-qPCR analysis. HT-1080 cells were infected with NR2C2-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers.  $\Delta Ct (Ct_{KD} - Ct_{WT})$  was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula:  $(1 - 1/2^{\Delta Ct}) \times 100\%$ .