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Product datasheet for TL311239V

NCOR2 Human shRNA Lentiviral Particle (Locus ID 9612)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	NCOR2 Human shRNA Lentiviral Particle (Locus ID 9612)
Locus ID:	9612
Synonyms:	CTG26; N-CoR2; SMAP270; SMRT; SMRTE; SMRTE-tau; TNRC14; TRAC; TRAC-1; TRAC1
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	NCOR2 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001077261, NM_001206654, NM_006312, NM_006312.1, NM_006312.2, NM_006312.3, NM_006312.4, NM_006312.5, NM_001077261.1, NM_001077261.2, NM_001077261.3, NM_001206654.1, BC004326, BC020427, BM687540, NM_006312.6, NM_001206654.2
UniProt ID:	Q9Y618
Summary:	This gene encodes a nuclear receptor co-repressor that mediates transcriptional silencing of certain target genes. The encoded protein is a member of a family of thyroid hormone- and retinoic acid receptor-associated co-repressors. This protein acts as part of a multisubunit complex which includes histone deacetylases to modify chromatin structure that prevents basal transcriptional activity of target genes. Aberrant expression of this gene is associated with certain cancers. Alternate splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Apr 2011]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.

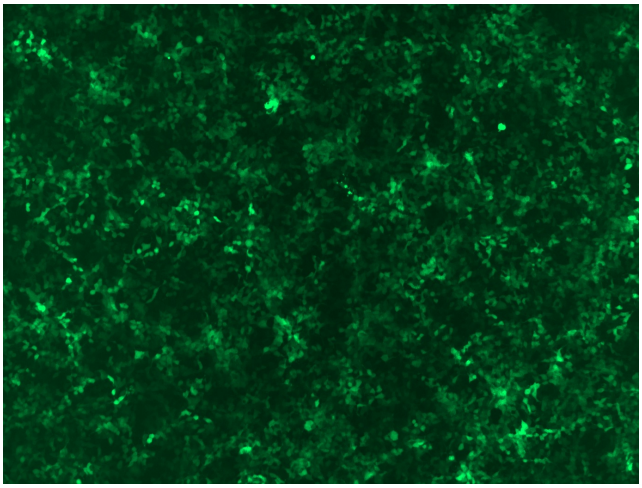
View online »

Performance Guaranteed:

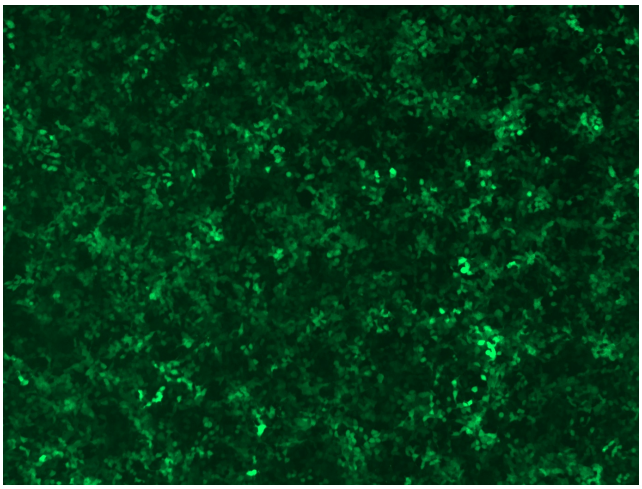
OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

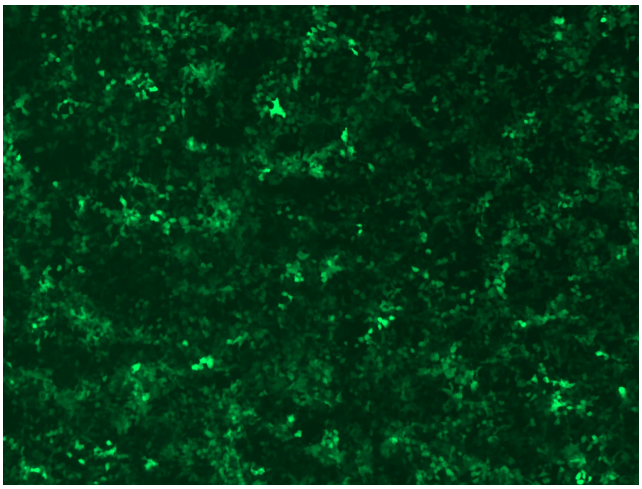
Product images:



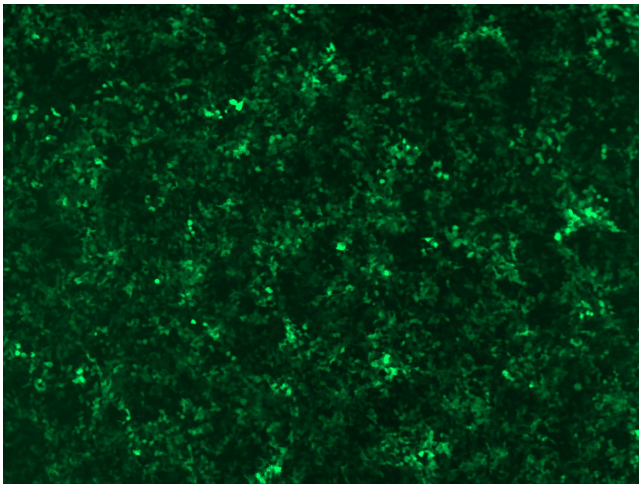
GFP signal was observed under microscope at 48 hours after transduction of TL311239A virus into HEK293 cells. TL311239A virus was prepared using lenti-shRNA TL311239A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL311239B virus into HEK293 cells. TL311239B virus was prepared using lenti-shRNA TL311239B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL311239C] virus into HEK293 cells. [TL311239C] virus was prepared using lenti-shRNA [TL311239C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL311239D] virus into HEK293 cells. [TL311239D] virus was prepared using lenti-shRNA [TL311239D] and [TR30037] packaging kit.