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Product datasheet for TL312658V

GPR176 Human shRNA Lentiviral Particle (Locus ID 11245)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	GPR176 Human shRNA Lentiviral Particle (Locus ID 11245)
Locus ID:	11245
Synonyms:	HB-954
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	GPR176 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001271854, NM_001271855, NM_007223, NM_007223.1, NM_007223.2, NM_001271855.1, NM_001271854.1, BC067106, NM_001271854.2, NM_001271855.2, NM_007223.3
UniProt ID:	Q14439
Summary:	Members of the G protein-coupled receptor family, such as GPR176, are cell surface receptors involved in responses to hormones, growth factors, and neurotransmitters (Hata et al., 1995 [PubMed 7893747]).[supplied by OMIM, Jul 2008]
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.

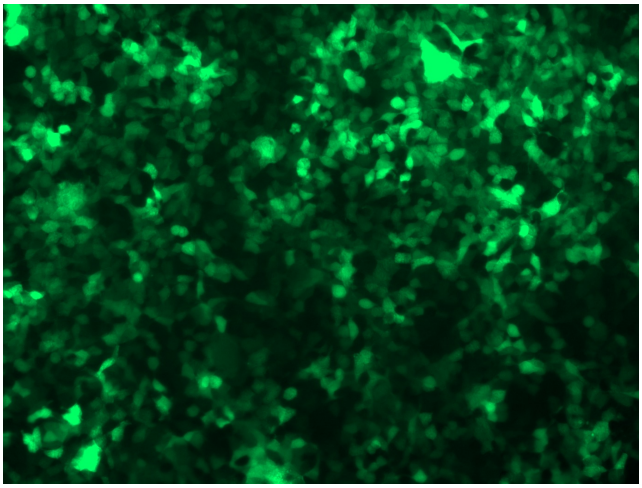
View online »

Performance Guaranteed:

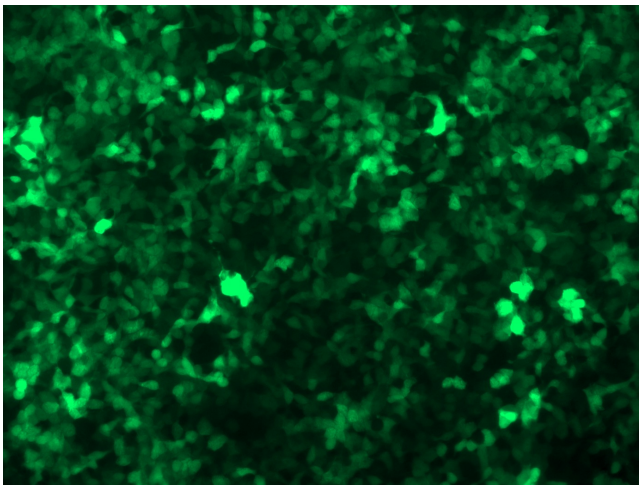
OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. 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).

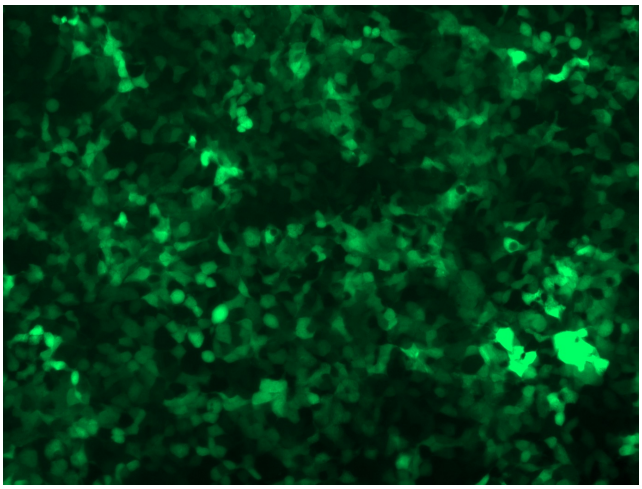
Product images:



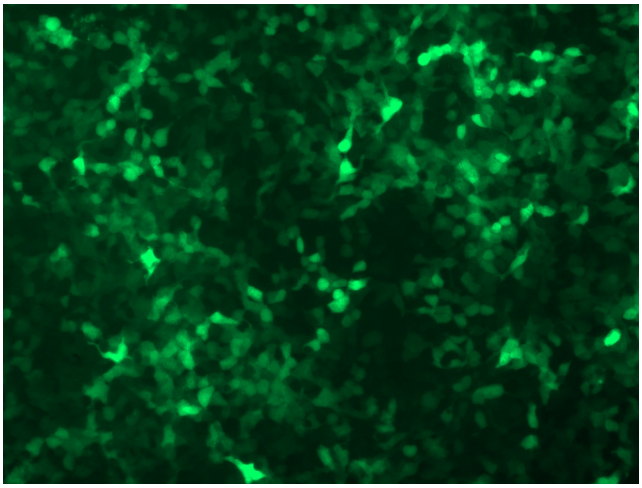
GFP signal was observed under microscope at 48 hours after transduction of TL312658A virus into HEK293 cells. TL312658A virus was prepared using lenti-shRNA TL312658A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL312658B virus into HEK293 cells. TL312658B virus was prepared using lenti-shRNA TL312658B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL312658C] virus into HEK293 cells. [TL312658C] virus was prepared using lenti-shRNA [TL312658C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL312658D] virus into HEK293 cells. [TL312658D] virus was prepared using lenti-shRNA [TL312658D] and [TR30037] packaging kit.