Product datasheet for TL305251V

CPEB1 Human shRNA Lentiviral Particle (Locus ID 64506)

Product data:

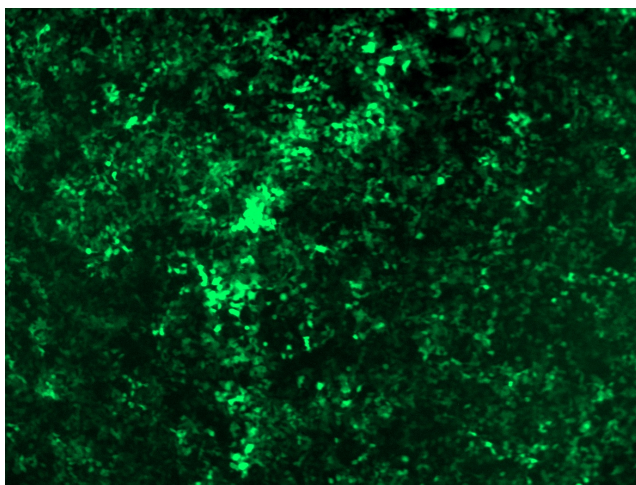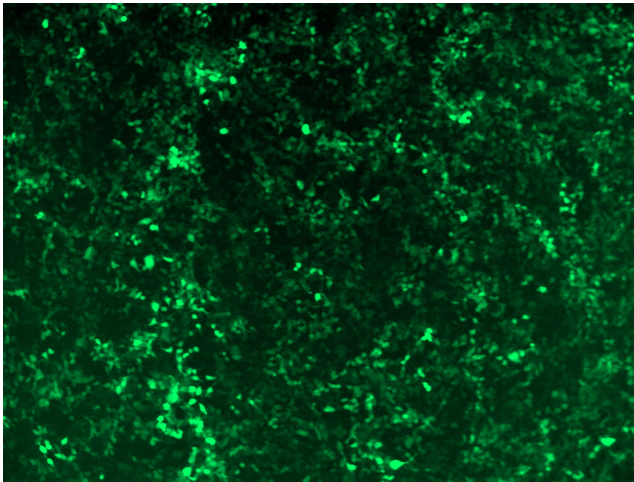|	
Product Type:	shRNA Lentiviral Particles
Product Name:	CPEB1 Human shRNA Lentiviral Particle (Locus ID 64506)
Locus ID:	64506
Synonyms:	CPE-BP1; CPEB; CPEB-1; h-CPEB; hCPEB-1
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	CPEB1 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	BC035348, NM_001079533, NM_001079534, NM_001079535, NM_001288819, NM_001288820, NM_030594, NM_001079535.1, NM_030594.1, NM_030594.2, NM_030594.3, NM_030594.4, NM_001079533.1, NM_001079534.1, NM_001288820.1, NM_001288819.1, BC035348.1, BC050629, BC050629.1, BM715948, NM_001365240, NM_001365242, NM_001365244, NM_001365247, NM_001365248, NM_001365250, NM_001365241, NM_001365243, NM_001365245, NM_001365246, NM_001365249, NM_001079533.2, NM_001288820.2, NM_030594.5, NM_001079534.2
UniProt ID:	Q9BZB8
Summary:	This gene encodes a member of the cytoplasmic polyadenylation element binding protein family. This highly conserved protein binds to a specific RNA sequence, called the cytoplasmic polyadenylation element, found in the 3' untranslated region of some mRNAs. The encoded protein functions in both the cytoplasm and the nucleus. It is involved in the regulation of mRNA translation, as well as processing of the 3' untranslated region, and may play a role in cell proliferation and tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
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.

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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.
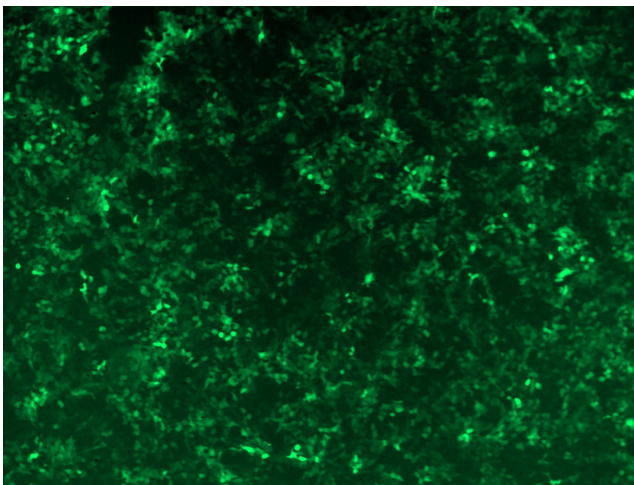
For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating 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 TL305251A virus into HEK293 cells. TL305251A virus was prepared using lenti-shRNA TL305251A and [TR30037] packaging kit.
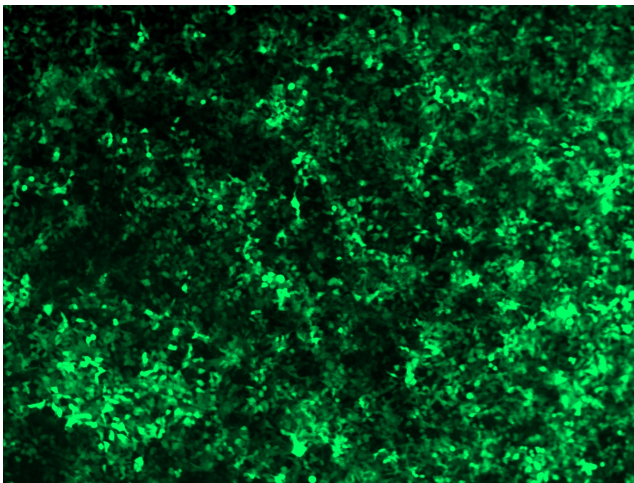
GFP signal was observed under microscope at 48 hours after transduction of TL305251B virus into HEK293 cells. TL305251B virus was prepared using lenti-shRNA TL305251B and [TR30037] packaging kit.

GFP signal was observed under microscope at 48 hours after transduction of [TL305251C] virus into HEK293 cells. [TL305251C] virus was prepared using lenti-shRNA [TL305251C] and [TR30037] packaging kit.

GFP signal was observed under microscope at 48 hours after transduction of [TL305251D] virus into HEK293 cells. [TL305251D] virus was prepared using lenti-shRNA [TL305251D] and [TR30037] packaging kit.