

Product datasheet for **TL512108**

Meis1 Mouse shRNA Plasmid (Locus ID 17268)

Product data:

Product Type:	shRNA Plasmids
Product Name:	Meis1 Mouse shRNA Plasmid (Locus ID 17268)
Locus ID:	17268
Synonyms:	C530044H18Rik; Evi8
Vector:	pGFP-C-shLenti (TR30023)
E. coli Selection:	Chloramphenicol (34 ug/ml)
Mammalian Cell Selection:	Puromycin
Format:	Lentiviral plasmids
Components:	Meis1 - Mouse, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 17268). 5µg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.
RefSeq:	BC023689 , NM_001193271 , NM_010789 , NM_010789.1 , NM_010789.2 , NM_010789.3 , NM_001193271.1 , BC034136
UniProt ID:	Q60954
Summary:	Acts as a transcriptional regulator of PAX6. Also acts as a transcriptional activator of PF4 in complex with PBX1 or PBX2. Required for hematopoiesis, megakaryocyte lineage development and vascular patterning. May function as a cofactor for HOXA7 and HOXA9 in the induction of myeloid leukemias.[UniProtKB/Swiss-Prot Function]
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 .

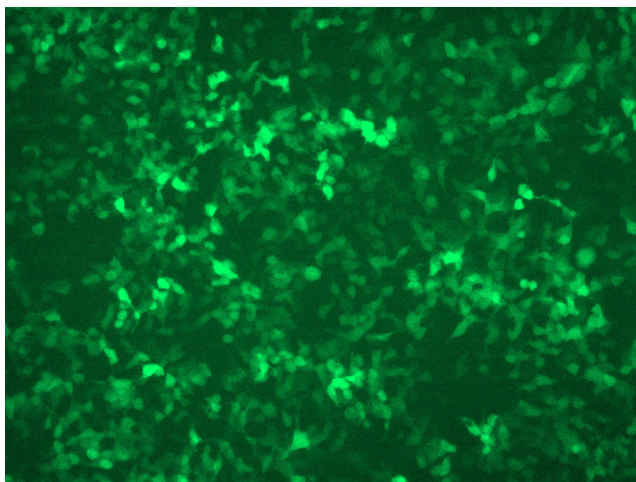


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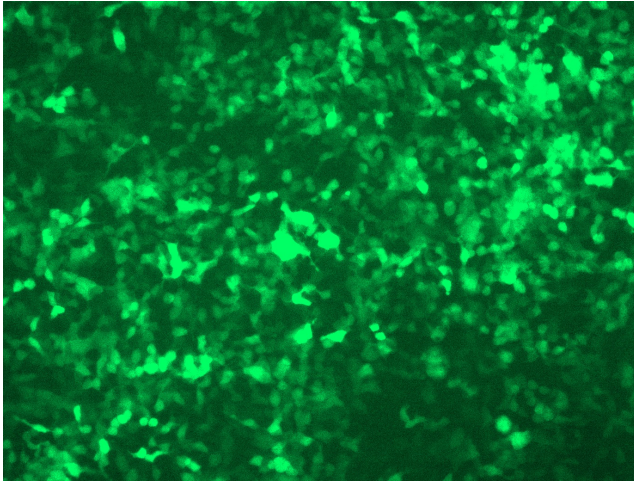
**Performance
Guaranteed:**

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.

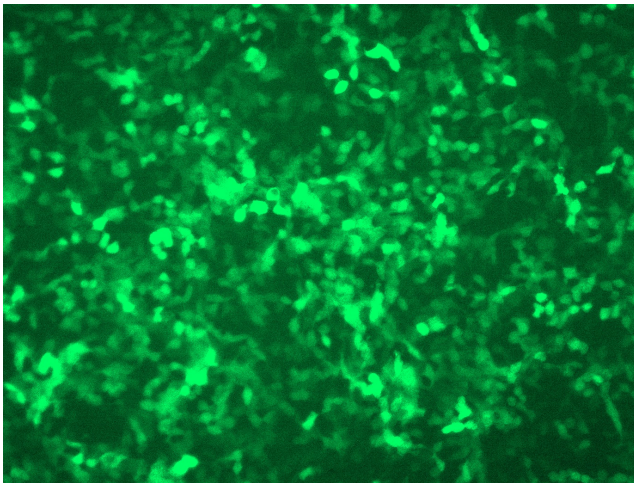
For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating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

Product images:

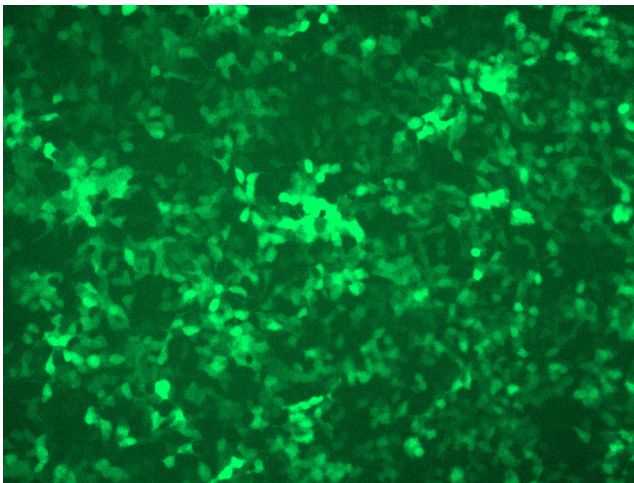
GFP signal was observed under microscope at 48 hours after transduction of TL512108A virus into HEK293 cells. TL512108A virus was prepared using lenti-shRNA TL512108A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL512108B virus into HEK293 cells. TL512108B virus was prepared using lenti-shRNA TL512108B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL512108C] virus into HEK293 cells. [TL512108C] virus was prepared using lenti-shRNA [TL512108C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL512108D] virus into HEK293 cells. [TL512108D] virus was prepared using lenti-shRNA [TL512108D] and [TR30037] packaging kit.