

Product datasheet for TR501331

Rab8a Mouse shRNA Plasmid (Locus ID 17274)

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Locus ID:17274Synonyms:AA409338;Vector:pRS (TR200)E. coli Selection:AmpicillingMammalian CellPuromycingSelection:Retroviral gFormat:Retroviral gComponents:Rab8a - MagRefSeq:BC019990,UniProt ID:P55258Summary:The small of formation gSummary:The small of formation g	use shRNA Plasmid (Locus ID 17274) Mel 003)
Locus ID:17274Synonyms:AA409338;Vector:pRS (TR200)E. coli Selection:AmpicillingMammalian CellPuromycingSelection:Retroviral gFormat:Retroviral gComponents:Rab8a - Mog17274). 5 µg29-mer scrRefSeq:BC019990,UniProt ID:P55258Summary:The small of formation gSummary:The small of formation g	Mel 003) blasmids buse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
Synonyms:AA409338;Vector:pRS (TR200)E. coli Selection:AmpicillingMammalian CellPuromycingSelection:PuromycingFormat:Retroviral pComponents:Rab8a - Mod 17274). 5 p 29-mer scrRefSeq:BC019990,UniProt ID:P55258Summary:The small of formation a inactive GE different se tethering a neurotrans	003) blasmids buse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
Vector:pRS (TR200)E. coli Selection:AmpicillinMammalian CellPuromycinSelection:PuromycinFormat:Retroviral pComponents:Rab8a - Mo17274). 5µg29-mer scrRefSeq:BC019990,UniProt ID:P55258Summary:The small of formation of inactive GE different se tethering a neurotrans	003) blasmids buse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
E. coli Selection: Ampicillin Mammalian Cell Puromycin Selection: Puromycin Selection: Retroviral g Components: Rab8a - Mo 17274). 5µg 29-mer scr RefSeq: BC019990, UniProt ID: P55258 Summary: The small of formation g inactive GE different se tethering a neurotrans	olasmids ouse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
Mammalian Cell Selection:Puromycin PuromycinFormat:Retroviral p ReformationComponents:Rab8a - Mod 17274). 5 µg 29-mer scrRefSeq:BC019990, UniProt ID:UniProt ID:P55258Summary:The small of formation of inactive GE different set tethering a neurotrans	olasmids ouse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
Selection: Format: Components: RefSeq: UniProt ID: Summary: RefSeq: Components: RefSeq RefSeq: RefSeq	olasmids ouse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
Components: Rab8a - Ma 17274). 5µg 29-mer scr RefSeq: BC019990, UniProt ID: P55258 Summary: The small of formation of inactive GE different set tethering a neurotrans	ouse, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = g purified plasmid DNA per construct
17274). 5µg 29-mer scrRefSeq:BC019990,UniProt ID:P55258Summary:The small of formation of inactive GE different set tethering a neurotrans	g purified plasmid DNA per construct
UniProt ID:P55258Summary:The small of formation of inactive GD different set tethering a neurotrans	
Summary: The small of formation inactive GE different se tethering a neurotrans	<u>NM 023126, NM 023126.1, NM 023126.2</u>
formation inactive GE different se tethering a neurotrans	
initiation si and RAB11 (By similari (PubMed:1 the glucose	GTPases Rab are key regulators of intracellular membrane trafficking, from the of transport vesicles to their fusion with membranes. Rabs cycle between an DP-bound form and an active GTP-bound form that is able to recruit to membranes ets of downstream effectors directly responsible for vesicle formation, movement, and fusion. That Rab is involved in polarized vesicular trafficking and smitter release. Together with RAB11A, RAB3IP, the exocyst complex, PARD3, KA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane ites (AMIS), apical surface formation and lumenogenesis. Together with MYO5B A participates in epithelial cell polarization. Plays an important role in ciliogenesis ity). Together with MICALL2, may also regulate adherens junction assembly 8094055). May play a role in insulin-induced transport to the plasma membrane of e transporter GLUT4 and therefore play a role in glucose homeostasis (By Involved in autophagy (By similarity).[UniProtKB/Swiss-Prot Function]
be certain	NA constructs were designed against multiple splice variants at this gene locus. To that your variant of interest is targeted, please contact <u>techsupport@origene.com</u> . I a special design or shRNA sequence, please utilize our <u>custom shRNA service</u> .



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

GRIGENE Rab8a Mouse shRNA Plasmid (Locus ID 17274) – TR501331

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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US