

Datasheet for ABIN5179245  
**Rat VCSA1 CRISPR gRNA in Lenti Particles**

Overview

Quantity:	3 x 300 µL
Gene:	SMR1 protein (VCSA1)
Species:	Rat
Insert:	gRNA
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP), Genome Editing with Engineered Nucleases (GEEN)

Product Details

Purpose:	Set of 3 gRNA against Vcsa1 in Lentiviral Particles with a Titer of >1x10e7 IU/mL. (Cas9 required separately)
Vector Backbone:	pLenti-U6-sgRNA-PGK-Neo
Promoter:	U6 Promoter, PGK Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Stable, Transient
Sequence:	Sequence available upon placing order
Specificity:	GRNAs are designed for use with Cas9 Nuclease only.
Components:	Lentiviral particles with a set of 3 gRNAs (3 x 300 µL) covering different sequences of Vcsa1

Target Details

Gene:	SMR1 protein (VCSA1)
Alternative Name:	Vcsa1 ( <a href="#">VCSA1 Products</a> )
NCBI Accession:	<a href="#">NM_012684</a>

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Application Details

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Application Notes: Recommended for quality control: Restriction Enzyme Digest and Sequencing

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Restrictions: For Research Use only

## Handling

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Format: Viral Particles

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Storage: -80 °C

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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)