

Datasheet for ABIN5095628

## Rat SMAD2 CRISPR gRNA in Lenti Particles

### Overview

Quantity:	300 µL
Gene:	SMAD2
Species:	Rat
Insert:	gRNA
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)

### Product Details

Purpose:	Individual gRNA against Smad2 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 an individual gRNA (300 µL) for a specific sequence of Smad2

### Target Details

Gene:	SMAD2
Alternative Name:	Smad2 ( <a href="#">SMAD2 Products</a> )
NCBI Accession:	<a href="#">NM_019191</a>

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

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## 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
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## Handling

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Format:	Viral Particles
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Storage:	-80 °C
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Expiry Date:	12 months
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## Publications

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