

Datasheet for ABIN5083492

## Human ACTA2 CRISPR gRNA in Lenti Particles

### Overview

Quantity:	300 µL
Gene:	Smooth Muscle Actin (ACTA2)
Species:	Human
Insert:	gRNA
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)

### Product Details

Purpose:	Individual gRNA against ACTA2 in Lentiviral Particles with a Titer of >1x10 <sup>7</sup> 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 ACTA2

### Target Details

Gene:	Smooth Muscle Actin (ACTA2)
Alternative Name:	ACTA2 ( <a href="#">ACTA2 Products</a> )
NCBI Accession:	<a href="#">NM_001141945</a>

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

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Application Details

Application Notes:	Recommended for quality control: Restriction Enzyme Digest and Sequencing
Restrictions:	For Research Use only

Handling

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

Publications

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