

Datasheet for ABIN5095675

Rat TSC2 CRISPR gRNA in Lenti Particles

Overview

Quantity:	3 x 300 µL
Gene:	Tuberin (TSC2)
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 Tsc2 in Lentiviral Particles with a Titer of >1x10 ⁷ 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 Tsc2

Target Details

Gene:	Tuberin (TSC2)
Alternative Name:	Tsc2 (TSC2 Products)
NCBI Accession:	NM_012680

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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)