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## Datasheet for ABIN5082320 Rat TNFRSF9 CRISPR gRNA in Lenti Particles

#### Overview

Quantity:	300 µL
Gene:	CD137 (TNFRSF9)
Species:	Rat
Insert:	gRNA
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)

#### Product Details

Purpose:	Individual gRNA against Tnfrsf9 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 $\mu L)$ for a specific sequence of Tnfrsf9

### Target Details

Gene:	CD137 (TNFRSF9)
Alternative Name:	Tnfrsf9 (TNFRSF9 Products)
NCBI Accession:	NM_001025773

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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)