-online.com **Genomics** 

## Datasheet for ABIN5100865 Rat ZKSCAN1 CRISPR gRNA in Lenti Particles

## Overview

| Quantity:    | 300 µL   |
|--------------|--|
| Gene:        | ZKSCAN1  |
| Species:     | Rat  |
| Insert:      | gRNA   |
| Vector:      | Lentiviral Vector  |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

## Product Details

| Purpose:              | Individual gRNA against Zkscan1 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 Zkscan1                     |

## Target Details

| Gene:             | ZKSCAN1                    |
|-------------------|----------------------------|
| Alternative Name: | Zkscan1 (ZKSCAN1 Products) |
| NCBI Accession:   | NM_001025760               |

Order at www.genomics-online.com USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN5100865 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

| 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, (<br>1991) |