

Datasheet for ABIN5178627

## Rat PRR21 CRISPR gRNA in Lenti Particles

### Overview

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Quantity:    | 3 x 300 µL                                                                 |
| Gene:        | Proline Rich 21 (PRR21)                                                    |
| 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 Sgp158 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 a set of 3 gRNAs (3 x 300 µL) covering different sequences of Sgp158                 |

### Target Details

|                   |                           |
|-------------------|---------------------------|
| Gene:             | Proline Rich 21 (PRR21)   |
| Alternative Name: | Sgp158                    |
| NCBI Accession:   | <a href="#">NM_139184</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) |
|-------------------|-------------------------------------------------------------------------------------------------------|