

Datasheet for ABIN5129624

## Rat ATP5A1 CRISPR gRNA in Lenti Particles

### Overview

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Quantity:    | 300 µL                                                                     |
| Gene:        | ATP5A1                                                                     |
| Species:     | Rat                                                                        |
| Insert:      | gRNA                                                                       |
| Vector:      | Lentiviral Vector                                                          |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

### Product Details

|                       |                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| Purpose:              | Individual gRNA against Atp5a1 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 µL) for a specific sequence of Atp5a1                          |

### Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Gene:             | ATP5A1                                     |
| Alternative Name: | Atp5a1 ( <a href="#">ATP5A1 Products</a> ) |
| NCBI Accession:   | <a href="#">NM_023093</a>                  |

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

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-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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|         |                 |
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| Format: | Viral Particles |
|---------|-----------------|

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|          |        |
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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) |
|-------------------|-------------------------------------------------------------------------------------------------------|