

Datasheet for ABIN5132623

## Mouse AFG3L2 CRISPR gRNA in Lenti Particles

### Overview

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Quantity:    | 3 x 300 µL                                                                 |
| Gene:        | AFG3L2                                                                     |
| Species:     | Mouse                                                                      |
| Insert:      | gRNA                                                                       |
| Vector:      | Lentiviral Vector                                                          |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

### Product Details

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Purpose:              | Set of 3 gRNA against Afg3l2 in Lentiviral Particles with a Titer of >1x10 <sup>7</sup> 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 Afg3l2                            |

### Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Gene:             | AFG3L2                                     |
| Alternative Name: | Afg3l2 ( <a href="#">AFG3L2 Products</a> ) |
| NCBI Accession:   | <a href="#">NM_027130</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)

Page 1/2 | Product datasheet for ABIN5132623 | 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, (1991) |
|-------------------|-------------------------------------------------------------------------------------------------------|