

Datasheet for ABIN5092904

## Human MTNR1B CRISPR gRNA in Lenti Particles

### Overview

|              |  |
|--------------|--|
| Quantity:    | 300 µL   |
| Gene:        | Melatonin Receptor 1B (MTNR1B)   |
| Species:     | Human  |
| Insert:      | gRNA   |
| Vector:      | Lentiviral Vector  |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

### Product Details

|                       |   |
|-----------------------|---|
| Purpose:              | Individual gRNA against MTNR1B 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 an individual gRNA (300 µL) for a specific sequence of MTNR1B                                     |

### Target Details

|                   |  |
|-------------------|--|
| Gene:             | Melatonin Receptor 1B (MTNR1B)             |
| Alternative Name: | MTNR1B ( <a href="#">MTNR1B Products</a> ) |
| NCBI Accession:   | <a href="#">NM_005959</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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|               |                       |
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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) |
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