

Datasheet for ABIN5117866  
**Rat LIG1 CRISPR gRNA in Lenti Particles**

Overview

|              |  |
|--------------|--|
| Quantity:    | 300 µL   |
| Gene:        | LIG1   |
| Species:     | Rat  |
| Insert:      | gRNA   |
| Vector:      | Lentiviral Vector  |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

Product Details

|                       |  |
|-----------------------|--|
| Purpose:              | Individual gRNA against Lig1 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 Lig1                          |

Target Details

|                   |  |
|-------------------|--|
| Gene:             | LIG1                                   |
| Alternative Name: | Lig1 ( <a href="#">LIG1 Products</a> ) |
| NCBI Accession:   | <a href="#">NM_001024268</a>           |

## 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

## Handling

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Format: Viral Particles

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Storage: -80 °C

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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)