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## Datasheet for ABIN5150067 Rat PAFAH1B1 CRISPR gRNA in Lenti Particles

#### Overview

| Quantity:    | 300 µL   |
|--------------|--|
| Gene:        | PAFAH1B1   |
| Species:     | Rat  |
| Insert:      | gRNA   |
| Vector:      | Lentiviral Vector  |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

#### Product Details

| Purpose:              | Individual gRNA against Pafah1b1 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 $\mu L)$ for a specific sequence of Pafah1b1                     |

### Target Details

| Gene:             | PAFAH1B1                     |
|-------------------|------------------------------|
| Alternative Name: | Pafah1b1 (PAFAH1B1 Products) |
| NCBI Accession:   | NM_031763                    |

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| 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, (<br>1991) |