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## Datasheet for ABIN5173862 Human C100RF32 CRISPR gRNA in Lenti Particles

| Overview              |  |  |
|-----------------------|--|--|
| Quantity:             | 300 µL   |  |
| Gene:                 | C100RF32   |  |
| Species:              | Human  |  |
| Insert:               | gRNA   |  |
| Vector:               | Lentiviral Vector  |  |
| Application:          | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)   |  |
| Product Details       |  |  |
| Purpose:              | Individual gRNA against C10orf32 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 C10orf32                     |  |

## Target Details

| Gene:             | C100RF32                     |
|-------------------|------------------------------|
| Alternative Name: | C10orf32 (C100RF32 Products) |
| NCBI Accession:   | NM_144591                    |

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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) |  |