

Datasheet for ABIN5082674

Rat ALDH1A3 CRISPR gRNA in Lenti Particles

Overview

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|--------------|----------------------------------------------------------------------------|
| Quantity: | 300 µL |
| Gene: | ALDH1A3 |
| Species: | Rat |
| Insert: | gRNA |
| Vector: | Lentiviral Vector |
| Application: | Protein Expression (PEXP), Genome Editing with Engineered Nucleases (GEEN) |

Product Details

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Purpose: | Individual gRNA against Aldh1a3 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 Aldh1a3 |

Target Details

| | |
|-------------------|----------------------------------------------|
| Gene: | ALDH1A3 |
| Alternative Name: | Aldh1a3 (ALDH1A3 Products) |
| NCBI Accession: | NM_153300 |

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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, (1991)