Datasheet for ABIN5200661

# Mouse CHD5 CRISPR gRNA + Cas9 in Lenti Particles

## Overview

| | |
|---|---|
| Quantity: | 3 x 300 µL |
| Gene: | CHD5 |
| Species: | Mouse |
| Insert: | gRNA + Cas9 |
| Vector: | Lentiviral Vector |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

## Product Details

| | |
|---|---|
| Purpose: | Set of 3 gRNA against Chd5 in Lentiviral Particles with a Titer of >1x10e7 IU/mL. (sgRNA and Cas9 in a single vector) |
| Vector Backbone: | pLenti-U6-sgRNA-SFFV-Cas9-2A-Puro |
| Promoter: | U6 Promoter, SFFV Promoter |
| Selectable Marker: | Puromycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Stable, Transient |
| Sequence: | Sequence available upon placing order |
| Specificity: | GRNAs are designed for use with Cas9 Nuclease only. Cas9 Nuclease is under the control of the SFFV promoter which should work for a vast majority of cells, except ES cells or iPS cells. |
| Sequencing Primer: | U6 Forward Primer: 5'--TACGTCCAAGGTCGGGCAGGAAGA--3' |
| Components: | Lentiviral particles with a set of 3 gRNAs (3 x 300 µL) covering different sequences of Chd5 |

## Target Details

| | |
|---|---|
| Gene: | CHD5 |
| Alternative Name: | Chd5 (CHD5 Products) |
| NCBI Accession: | NM_029216 |

## 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) |