

Datasheet for ABIN5294815

## Mouse Mfsd4b1 CRISPR gRNA + Cas9 in Lenti Particles

### Overview

Quantity:	300 µL
Gene:	Mfsd4b1/Naglt1a (Mfsd4b1)
Species:	Mouse
Insert:	gRNA + Cas9
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)

### Product Details

Purpose:	Individual gRNA against AI317395 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 an individual gRNA (300 µL) for a specific sequence of AI317395

Order at [www.genomics-online.com](http://www.genomics-online.com)

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## Target Details

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Gene: Mfsd4b1/Naglt1a (Mfsd4b1)

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Alternative Name: AI317395

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NCBI Accession: [NM\\_144821](#)

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## 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

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## Handling

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Format: Viral Particles

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Storage: -80 °C

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Expiry Date: 12 months

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## Publications

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