

Datasheet for ABIN5230775

Human CD109 CRISPR gRNA + Cas9 in Lenti Particles

Overview

Quantity:	3 x 300 µL
Gene:	CD109
Species:	Human
Insert:	gRNA + Cas9
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP), Genome Editing with Engineered Nucleases (GEEN)

Product Details

Purpose:	Set of 3 gRNA against CD109 in Lentiviral Particles with a Titer of >1x10 ⁷ 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:	""117 AGGAAATGTG ACTATTG 977 AACTGATTCT GTCACTG 1287 GATTGAATTC CCAATCC""
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 CD109

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Target Details

Gene: CD109

Alternative Name: CD109 ([CD109 Products](#))

NCBI Accession: [NM_001159587](#)

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)