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**Dharmacon™ Reagents**

# CRISPRmod All-in-one lentiviral sgRNA controls

**Requirements**

 25 µL × 2 (50 µL total) of 1 × 10<sup>7</sup> TU/mL or greater

**Itemized list of contents**

Lentiviral Particles (net quantity 0.025 mL per vial), Dry Ice (net quantity 5 kg)

**A. CRISPRmod CRISPRa All-in-one lentiviral sgRNA non-targeting controls (NTC)**

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGC12517	CRISPRmod CRISPRa All-in-one Lentiviral sgRNA mCMV Non-targeting Control #1	V22110401_1.14 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGC12518	CRISPRmod CRISPRa All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #1	V22121502_1.83 × 10 <sup>7</sup> TU/mL V23050407_3.09 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGC12519	CRISPRmod CRISPRa All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #1	V22110402_1.13 × 10 <sup>7</sup> TU/mL V23060901_1.25 × 10 <sup>8</sup> TU/mL V24010506_2.21 × 10 <sup>7</sup> TU/mL V24022304_1.57 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGC12520	CRISPRmod CRISPRa All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #1	V22121501_3.52 × 10 <sup>7</sup> TU/mL V23090803_2.12 × 10 <sup>7</sup> TU/mL V24010506_1.43 × 10 <sup>7</sup> TU/mL	25 µL	2

**B. CRISPRmod CRISPRa All-in-one lentiviral sgRNA positive controls**

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGH12453	CRISPRmod CRISPRa Human All-in-one POU5F1 mCMV Lentiviral sgRNA Positive Control	V22100705_1.36 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGH12454	CRISPRmod CRISPRa Human All-in-one TTN mCMV Lentiviral sgRNA Positive Control	V22110402_1.28 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12473	CRISPRmod CRISPRa Human All-in-one POU5F1 mCMV-EGFP Lentiviral sgRNA Positive Control	V22121502_1.48 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12474	CRISPRmod CRISPRa Human All-in-one TTN mCMV-EGFP Lentiviral sgRNA Positive Control	V22121502_1.90 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12477	CRISPRmod CRISPRa Human All-in-one POU5F1 hEF1a Lentiviral sgRNA Positive Control	V22110402_1.36 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12478	CRISPRmod CRISPRa Human All-in-one TTN hEF1a Lentiviral sgRNA Positive Control	V22111806_1.29 × 10 <sup>7</sup> TU/mL V23111004_2.07 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12481	CRISPRmod CRISPRa Human All-in-one POU5F1 hEF1a-EGFP Lentiviral sgRNA Positive Control	V22121501_2.57 × 10 <sup>7</sup> TU/mL V24030706_2.04 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12482	CRISPRmod CRISPRa All-in-one TTN hEF1a-EGFP Lentiviral sgRNA Positive Control	V22121501_3.09 × 10 <sup>7</sup> TU/mL V23090802_1.90 × 10 <sup>7</sup> TU/mL V24022304_2.71 × 10 <sup>7</sup> TU/mL	25 µL	2

**C. CRISPRmod CRISPRi All-in-one lentiviral sgRNA non-targeting controls (NTC)**

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGC12545	CRISPRmod CRISPRi All-in-one Lentiviral sgRNA mCMV Non-targeting Control #1	V22100706_2.28 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGC12546	CRISPRmod CRISPRi All-in-one Lentiviral sgRNA mCMV-EGFP Non-targeting Control #1	V22121502_1.19 × 10 <sup>7</sup> TU/mL V23031607_2.82 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGC12547	CRISPRmod CRISPRi All-in-one Lentiviral sgRNA hEF1a Non-targeting Control #1	V22110401_2.00 × 10 <sup>7</sup> TU/mL V23060901_2.03 × 10 <sup>7</sup> TU/mL V23111005_1.07 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGC12548	CRISPRmod CRISPRi All-in-one Lentiviral sgRNA hEF1a-EGFP Non-targeting Control #1	V22121501_1.07 × 10 <sup>7</sup> TU/mL V23031607_1.84 × 10 <sup>7</sup> TU/mL V23090803_1.61 × 10 <sup>7</sup> TU/mL	25 µL	2

**D. CRISPRmod CRISPRi All-in-one lentiviral sgRNA positive controls**

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGH12455	CRISPRmod CRISPRi Human All-in-one SEL1L mCMV Lentiviral sgRNA Positive Control	V22100706_2.54 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12456	CRISPRmod CRISPRi Human All-in-one PPIB mCMV Lentiviral sgRNA Positive Control	V22111806_1.76 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12475	CRISPRmod CRISPRi Human All-in-one SEL1L mCMV-EGFP Lentiviral sgRNA Positive Control	V22121502_1.94 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12476	CRISPRmod CRISPRi Human All-in-one PPIB mCMV-EGFP Lentiviral sgRNA Positive Control	V22121502_1.36 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12479	CRISPRmod CRISPRi Human All-in-one SEL1L hEF1a Lentiviral sgRNA Positive Control	V22110401_4.11 × 10 <sup>7</sup> TU/mL V24022203_3.00 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12480	CRISPRmod CRISPRi Human All-in-one PPIB hEF1a Lentiviral sgRNA Positive Control	V22111806_2.00 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12483	CRISPRmod CRISPRi Human All-in-one SEL1L hEF1a-EGFP Lentiviral sgRNA Positive Control	V22121501_1.03 × 10 <sup>7</sup> TU/mL V23090802_1.10 × 10 <sup>7</sup> TU/mL	25 µL	2
VSGH12484	CRISPRmod CRISPRi Human All-in-one PPIB hEF1a-EGFP Lentiviral sgRNA Positive Control	V22121501_1.04 × 10 <sup>7</sup> TU/mL V24012705_1.43 × 10 <sup>7</sup> TU/mL	25 µL	2

## Shipping and storage

Store at  $-80^{\circ}\text{C}$ . CRISPRmod All-in-one Lentiviral sgRNA Controls are shipped on dry ice and should be stored in a  $-80^{\circ}\text{C}$  freezer upon arrival. CRISPRmod lentiviral particles will remain stable for at least one year without any appreciable loss in titer. When ready to use, thaw the viral particles on ice. The viral titers indicated above for each sample are determined from an aliquot that has been through one freeze-thaw. The vials in this package have not been thawed; therefore, the indicated titers are accurate for the first thaw. However, every subsequent freeze-thaw may result in a decrease in titer of two to five-fold. Any viral particles remaining after the first thaw can be aliquoted into smaller volumes and stored at  $-80^{\circ}\text{C}$ .

## Classification of CRISPRmod All-in-one lentiviral sgRNA controls

CRISPRmod lentiviral particles are not capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals, and therefore are not classified as infectious substances under IATA and DOT guidelines.

## Description of goods

Replication incompetent viral-like particles of human, mouse, and/or rat origin; intended use is for research purposes only.

Proper packaging and labeling of shipments will be utilized to ensure safe and timely transit of CRISPRmod sgRNA products.

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The logo for Revvity, featuring the word "revvity" in a lowercase, sans-serif font.