

# Dharmacon™ Edit-R™

## Lentiviral sgRNA Controls

### Requirements:

25 µL × 2 (50 µL total) of  $1 \times 10^8$  TU/mL or greater

### Itemized List of Contents:

Lentiviral Particles (net quantity 0.025 mL per vial), Dry Ice (net quantity 15 kg)

### A. Edit-R Lentiviral sgRNA Non-targeting Controls (NTC)

Cat #	Item Description	Lot Number_Titer*	Volume	Qty
VSGC10215	Edit-R Lentiviral sgRNA Non-targeting Control #1	V16012906_8.64 × 10 <sup>8</sup> TU/mL V16120803_5.49 × 10 <sup>8</sup> TU/mL V17020209_4.25 × 10 <sup>9</sup> TU/mL V17081106_9.96 × 10 <sup>9</sup> TU/mL	25 µL	2
VSGC10216	Edit-R Lentiviral sgRNA Non-targeting Control #2	V16020406_7.92 × 10 <sup>8</sup> TU/mL V16060202_1.97 × 10 <sup>8</sup> TU/mL V17080305_9.94 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGC10217	Edit-R Lentiviral sgRNA Non-targeting Control #3	V16060203_3.65 × 10 <sup>8</sup> TU/mL V17100502_5.70 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGC10218	Edit-R Lentiviral sgRNA Non-targeting Control #4	V16060204_3.52 × 10 <sup>8</sup> TU/mL V17100502_4.58 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGC10219	Edit-R Lentiviral sgRNA Non-targeting Control #5	V16060204_3.00 × 10 <sup>8</sup> TU/mL V17100508_1.47 × 10 <sup>8</sup> TU/mL V17101901_4.28 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGC10220	Edit-R Lentiviral sgRNA Non-targeting Control #6		25 µL	2
VSGC10221	Edit-R Lentiviral sgRNA Non-targeting Control #7		25 µL	2
VSGC10222	Edit-R Lentiviral sgRNA Non-targeting Control #8	Pending Production	25 µL	2
VSGC10223	Edit-R Lentiviral sgRNA Non-targeting Control #9		25 µL	2
VSGC10224	Edit-R Lentiviral sgRNA Non-targeting Control #10	V17090105_5.32 × 10 <sup>8</sup> TU/mL	25 µL	2

### B. Edit-R Lentiviral sgRNA Positive Controls

Cat #	Item Description	Lot Number_Titer*	Volume	Qty
VSGH10230	Edit-R Human DMNT3B Lentiviral sgRNA Positive Control	V16060205_7.79 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGH10231	Edit-R Human PPIB Lentiviral sgRNA Positive Control	V16060205_1.06 × 10 <sup>9</sup> TU/mL V17020906_4.83 × 10 <sup>9</sup> TU/mL	25 µL	2
VSGM10232	Edit-R Mouse Lentiviral Dmmt3b sgRNA Positive Controls	V15080701_4.69 × 10 <sup>8</sup> TU/mL V16060206_6.71 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGM10233	Edit-R Mouse Ppib Lentiviral sgRNA Positive Control	V15080701_2.74 × 10 <sup>8</sup> TU/mL V16060206_7.24 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGR10234	Edit-R Rat Lentiviral Dmmt3b sgRNA Positive Controls	V15123105_7.38 × 10 <sup>8</sup> TU/mL	25 µL	2
VSGR10235	Edit-R Rat Ppib Lentiviral sgRNA Positive Control	V15123105_5.96 × 10 <sup>8</sup> TU/mL	25 µL	2

### Shipping and Storage:

Store at -80° C. Edit-R Lentiviral sgRNA Controls are shipped on dry ice and should be stored in a -80° C freezer upon arrival. Edit-R 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° C.

### Classification of Edit-R Lentiviral sgRNA Controls:

Edit-R viral 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 Edit-R lentiviral products.

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