

## Dharmacon™ Reagents

# SMARTvector™ inducible shRNA and shMIMIC microRNA controls

## Requirements

25 µL × 2 (50 µL total) of  $1 \times 10^7$  TU/mL or greater

## Itemized list of contents

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

### A. SMARTvector inducible lentiviral shRNA and shMIMIC microRNA non-targeting controls

Cat #	Item description	Item #	Lot number_Titer*	Volume	Qty
VSC6572	Non-targeting Control hEF1α—TurboGFP	VSC6586	V22060306_5.51 × 10 <sup>7</sup> TU/mL V22093006_7.13 × 10 <sup>7</sup> TU/mL V22121506_8.05 × 10 <sup>7</sup> TU/mL V23072101_5.90 × 10 <sup>7</sup> TU/mL V23120103_1.56 × 10 <sup>8</sup> TU/mL V24010506_7.70 × 10 <sup>7</sup> TU/mL	25 µL	2
VSC6570	Non-targeting Control mCMV—TurboGFP	VSC6584	V22072901_7.07 × 10 <sup>7</sup> TU/mL V23061508_1.01 × 10 <sup>8</sup> TU/mL	25 µL	2
VSC6574	Non-targeting Control mEF1α—TurboGFP	VSC6588	V22100705_1.36 × 10 <sup>8</sup> TU/mL V24012704_5.51 × 10 <sup>8</sup> TU/mL	25 µL	2
VSC6580	Non-targeting Control PGK—TurboGFP	VSC6594	V21102902_2.46 × 10 <sup>8</sup> TU/mL V22121506_2.98 × 10 <sup>8</sup> TU/mL	25 µL	2
VSC6573	Non-targeting Control hEF1α—TurboRFP	VSC6587	V22082603_1.30 × 10 <sup>7</sup> TU/mL V23031006_2.65 × 10 <sup>7</sup> TU/mL V23051903_5.32 × 10 <sup>7</sup> TU/mL V23090801_2.32 × 10 <sup>7</sup> TU/mL	25 µL	2
VSC6571	Non-targeting Control mCMV—TurboRFP	VSC6585	V21081904_2.22 × 10 <sup>8</sup> TU/mL V23072706_7.31 × 10 <sup>7</sup> TU/mL	25 µL	2
VSC6575	Non-targeting Control mEF1α—TurboRFP	VSC6589	V20070906_2.14 × 10 <sup>7</sup> TU/mL V23061507_3.12 × 10 <sup>7</sup> TU/mL	25 µL	2
VSC6581	Non-targeting Control PGK—TurboRFP	VSC6595	V21052802_2.04 × 10 <sup>8</sup> TU/mL V22060204_3.08 × 10 <sup>7</sup> TU/mL V23102002_2.25 × 10 <sup>7</sup> TU/mL	25 µL	2

## Shipping and storage

Store at -80° C. SMARTvector Inducible Lentiviral Controls are shipped on dry ice and should be stored in a -80° C freezer upon arrival. SMARTvector 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 SMARTvector lentiviral shRNA controls

SMARTvector 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 SMARTvector products.

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