

# Dharmacon™ Edit-R™ Lentiviral Cas9 nuclease expression particles

## Requirements

2 vials × 25 µL (50 µL total) lentiviral particles in tubes, minimum titer within 10% of  $\geq 1 \times 10^7$  TU/mL (transducing units per mL)

## Itemized list of contents

Lentiviral Particles (net quantity 0.025 mL per vial)

Dry Ice (net quantity 15 kg)

## Edit-R lentiviral Cas9 nuclease expression particles

Cat #	Item description	Lot number_titer*	Volume	Qty
VCAS10124	hCMV-Blast-Cas9 Nuclease	V16061703_5.17 × 10 <sup>7</sup> TU/mL V17030303_1.80 × 10 <sup>8</sup> TU/mL V18021506_1.23 × 10 <sup>8</sup> TU/mL V18082302_5.33 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS10125	mCMV-Blast-Cas9 Nuclease	V16012102_4.61 × 10 <sup>7</sup> TU/mL V16120801_2.93 × 10 <sup>8</sup> TU/mL	25 µL	2
VCAS10126	hEF1α-Blast-Cas9 Nuclease	V16120802_2.40 × 10 <sup>7</sup> TU/mL V17071403_9.24 × 10 <sup>7</sup> TU/mL V17102006_1.47 × 10 <sup>8</sup> TU/mL V18031505_1.93 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS10127	mEF1α-Blast-Cas9 Nuclease	V16012204_4.18 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS10128	PGK-Blast-Cas9 Nuclease	V15110601_2.62 × 10 <sup>7</sup> TU/mL V16120802_2.25 × 10 <sup>8</sup> TU/mL	25 µL	2
VCAS10129	CAG-Blast-Cas9 Nuclease	V16012102_6.39 × 10 <sup>7</sup> TU/mL V18042605_2.59 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS11227	Inducible-hEF1α-Blast-Cas9 Nuclease	V17021002_8.98 × 10 <sup>7</sup> TU/mL V17060303_5.98 × 10 <sup>7</sup> TU/mL V17110901_1.61 × 10 <sup>7</sup> TU/mL V18020806_4.72 × 10 <sup>7</sup> TU/mL V18062806_2.33 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS11862	mCMV-TurboGFP-Cas9 Nuclease	V17060301_3.31 × 10 <sup>8</sup> TU/mL	25 µL	2
VCAS11863	mCMV-mKate2-Cas9 Nuclease	V17051804_1.45 × 10 <sup>8</sup> TU/mL	25 µL	2
VCAS11864	hEF1α-TurboGFP-Cas9 Nuclease	V17060302_1.31 × 10 <sup>7</sup> TU/mL V18050305_1.22 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS11865	hEF1α-mKate2-Cas9 Nuclease	V17051804_2.19 × 10 <sup>7</sup> TU/mL	25 µL	2

## If you have any questions, contact

**t** +44 (0) 1223 976 000 (UK) **or** +1 800 235 9880 (USA); +1 303 604 9499 (USA)

**f** +44 (0)1223 655 581

**w** [horizondiscovery.com/contact-us](http://horizondiscovery.com/contact-us) **or** [dharmacon.horizondiscovery.com/service-and-support](http://dharmacon.horizondiscovery.com/service-and-support)

**Horizon Discovery**, 8100 Cambridge Research Park, Waterbeach, Cambridge, CB25 9TL, United Kingdom

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Cat #	Item description	Lot number_titer*	Volume	Qty
VCAS11868	hCMV-TurboGFP-Cas9 Nuclease	V17060302_1.92 × 10 <sup>7</sup> TU/mL V18082403_2.55 × 10 <sup>7</sup> TU/mL	25 µL	2
VCAS11869	hCMV-mKate2-Cas9 Nuclease	V17051806_1.86 × 10 <sup>8</sup> TU/mL	25 µL	2

## Shipping and storage

Store at –80° C. Edit-R™ Lentiviral Cas9 Nuclease Expression Particles are shipped frozen on dry ice and should be stored in a –80° C freezer immediately upon arrival. Lentiviral particles will remain stable for at least one year without any appreciable loss in titer. When ready to use, thaw the lentiviral particles on ice. The lentiviral 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 lentiviral particles remaining after the first thaw can be aliquoted into smaller volumes and stored at –80° C.

## Classification of Edit-R lentiviral cas9 nuclease expression particles

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 lentiviral particle products.