

Dharmacon™ GIPZ™ Lentiviral shRNA Control Particles

Requirements:

25 µL of 1×10^8 TU/mL ($\pm 20\%$)

Itemized List of Contents:

Lentiviral Particles (net quantity 0.025 mL per vial)

Dry Ice (net quantity 15 kg)

Titer Results:

Cat #	Item Description	Lot Number_Titer*	Volume	Qty
RHS4348	Non-silencing GIPZ Lentiviral shRNA Negative Control (viral particles)	V14112004_ 4.14×10^8 TU/mL V15022606_ 1.83×10^9 TU/mL V15052906_ 1.45×10^9 TU/mL V16012205_ 9.17×10^8 TU/mL V16120202_ 9.06×10^8 TU/mL	25 µL	1
RHS4351	Empty Vector GIPZ Lentiviral shRNA Negative Control (viral particles)	V14090501_ 2.59×10^9 TU/mL V15101506_ 1.31×10^9 TU/mL	25 µL	1
RHS4372	GAPDH GIPZ Lentiviral shRNA Positive Control (viral particles)	V15011501_ 5.41×10^8 TU/mL V15052901_ 1.01×10^9 TU/mL V16032505_ 1.06×10^9 TU/mL V16120203_ 1.36×10^9 TU/mL	25 µL	1
RHS4584	EG5 GIPZ Lentiviral shRNA Positive Control (viral particles)	V14071805_ 3.29×10^8 TU/mL V15120404_ 1.23×10^9 TU/mL	25 µL	1

*There may be multiple lot numbers for any given product. Please check the lot number printed on the tube to obtain correct titer information.

Shipping and Storage:

Store at -80°C . GIPZ Lentiviral shRNA Particles are shipped on dry ice and should be stored in a -80°C freezer upon arrival. GIPZ shRNA 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 freezethaw 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 GIPZ Lentiviral shRNA Particles:

GIPZ 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 according to 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 GIPZ shRNA products.

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1.800.235.9880; 303.604.9499 if you have any questions.