

Datasheet for ABIN6396424

## Human TNNC2 ORF Clone in Lenti Particles (GFP tag)

### Overview

|              |                           |
|--------------|---------------------------|
| Quantity:    | 200 µL                    |
| Gene:        | TNNC2                     |
| Species:     | Human                     |
| Fusion tag:  | GFP tag                   |
| Insert:      | ORF                       |
| Vector:      | Lentiviral Vector         |
| Application: | Protein Expression (PExp) |

### Product Details

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:              | Lenti ORF particles, TNNC2 (mGFP-tagged) - Human troponin C type 2 (fast) (TNNC2)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Vector Backbone:      | pLenti-C-mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Promoter:             | CMV Promoter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Bacterial Resistance: | Chloramphenicol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Expression Type:      | Transient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity:          | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.                                                                                                                                                                                                                                                                                                                                                                                                      |
| Characteristics:      | <ul style="list-style-type: none"> <li>• Broad cell spectrum: Lentivirus infect many cells, dividing &amp; non-dividing, easy-to-transfect &amp; hard-to-transfect cells.</li> <li>• High transduction efficiency.</li> <li>• Convenience: Minimal need for optimization.</li> <li>• Safety: 3rd generation system with improved biosafety.</li> <li>• Pre-titered, ready-to-use</li> <li>• Titer guaranteed, <math>10^7</math> TU/mL</li> <li>• Provided in the proprietary Lenti Stabilizer Solution with 1 year infectivity</li> </ul> |
| Components:           | Lentiviral particles with guaranteed titer of $>10^7$ TU/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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## Target Details

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Gene: TNNC2

Alternative Name: TNNC2 ([TNNC2 Products](#))

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Viral Particles

Storage: -80 °C

Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)