

ptdTomato-N1 Vector

Catalog No.

632532

Amount

20 µg

Lot Number

Specified on product label.

Description

ptdTomato-N1 is a mammalian expression vector containing a tandem sequence of the dimeric red fluorescent protein, Tomato. An MCS at the 5' end of the coding sequence makes it possible to insert a gene of interest in order to express it as an N-terminal fusion with tdTomato. The unmodified vector can be used to express tdTomato in mammalian cells.

- **Plasmid Size:** 5.4 kb
- **Antibiotic Resistance:** Kanamycin (50 µg/ml) for propagation in *E. coli*

Package Contents

- 20 µg ptdTomato-N1 Vector (500 ng/µl)

Storage Conditions

- Store at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1 mM EDTA (pH 8.0)

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- ptdTomato-N1 Vector Information

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.comUnited States/Canada
800.662.2566
(033125)Asia Pacific
+1.650.919.7300Europe
+33.(0)1.3904.6880Japan
+81.(0)77.565.6999

Certificate of Analysis

Cat. No. 632532

ptdTomato-N1 Vector

Quality Control Data

Plasmid Identity & Purity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzymes	Fragments
ptdTomato-N1	NotI	5.4 kb
	NotI & NheI	4.0 & 1.4 kb

- A_{260}/A_{280} : 1.8–2.0
- Vector identity was confirmed by sequencing.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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STATEMENT 69

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U.S. Technical Support: technical_support@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

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Japan

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3/31/2025