

pmCherry-N1 Vector

Catalog No.
632523

Amount
20 µg

Lot Number
Specified on product label.

Description

pmCherry-N1 is a mammalian expression vector designed to express a protein of interest fused to the N-terminus of mCherry, a mutant fluorescent protein derived from the tetrameric *Discosoma* sp. red fluorescent protein, DsRed. The unmodified vector can be used to express mCherry in mammalian cells. We recommend Living Colors® mCherry Monoclonal Antibody (Cat. No. 632543) and Living Colors DsRed Polyclonal Antibody (Cat. No. 632496) for use with mCherry.

- **Plasmid Size:** 4.7 kb
- **Antibiotic Resistance:** Kanamycin (50 µg/ml) for propagation in *E. coli*

Package Contents

- 40 µl pmCherry-N1 Vector

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:

- pmCherry-N1 Vector Information
- pmCherry-N1 Vector Sequence in GenBank Format

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
pmCherry-N1	AgeI	4.7 kb
	PstI	0.4 & 4.3 kb

- A_{260}/A_{280} : 1.8–2.0 for each vector.

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

pmCherry-N1 Vector

CATALOG NO.

632523

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

TRADEMARKS:

©2025 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

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

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

5/30/2025