

pDsRed-Monomer-N1 Vector

Catalog No.
632465

Amount
20 µg

Lot Number
Specified on product label.

Description

pDsRed-Monomer-N1 encodes DsRed-Monomer, a monomeric mutant of the *Discosoma* sp. red fluorescent protein DsRed. pDsRed-Monomer-N1 allows genes cloned into the multiple cloning site (MCS) upstream of the DsRed-Monomer coding sequence to be expressed as fusions to the N-terminus of DsRed-Monomer protein. The unmodified vector will express DsRed-Monomer protein in mammalian cells.

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

Package Contents

- 20 µg pDsRed-Monomer-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:

- pDsRed-Monomer-N1 Vector Information
- pDsRed-Monomer-N1 Vector Sequence in GenBank Format

Takara Bio USA, Inc.

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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
pDsRed-Monomer-N1	NotI	4.7 kb
	BglII	4.2 & 0.5 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.

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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.

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STATEMENT 72

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STATEMENT 69

The DsRed-Monomer, DsRed Express, E2-Crimson and the Fruit Fluorescent Proteins are covered by one or more of the following U.S. Patents: 7,250,298; 7,671,185; 7,910,714; 8,664,471 and 8,679,749.

TRADEMARKS:

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