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PRODUCT: pDsRed-Monomer-N1 Vector

<p>CATALOG NO. 632465</p> <p>AMOUNT 20 µg</p> <p>LOT NUMBER Specified on product label.</p> <p>STORAGE BUFFER 10 mM Tris-HCl (pH 8.0) 1 mM EDTA (pH 8.0)</p> <p>STORAGE CONDITIONS</p> <ul style="list-style-type: none"> • Store plasmid at -20°C. • Spin briefly to recover contents. • Avoid repeated freeze/thaw cycles. <p>SHELF LIFE 1 year from date of receipt under proper storage conditions.</p> <p>SHIPPING CONDITIONS Blue ice (4°C) or Dry ice (-70°C)</p>	<p>DESCRIPTION pDsRed-Monomer-N1 encodes DsRed-Monomer, a monomeric mutant of the <i>Discosoma</i> 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.</p> <p>CONCENTRATION: 500 ng/µl</p> <p>PLASMID SIZE: 4.7 kb</p> <p>CLONING SITES <i>Nhe</i> I, <i>Xho</i> I, <i>Sac</i> I, <i>Hind</i> III, <i>Eco</i>R I, <i>Sal</i> I, <i>Acc</i> I, <i>Kpn</i> I, <i>Sac</i> II, <i>Xma</i> I, <i>Apa</i> I, <i>Sma</i> I, <i>Bam</i>HI, <i>Age</i> I</p> <p>ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i></p> <p>PACKAGE CONTENTS 1 tube of pDsRed-Monomer-N1 Vector</p> <p>OTHER pDsRed-Monomer-N1 Vector Information Packet (PT3795-5)</p>
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FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

See back of page.



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(PA842686)

QUALITY CONTROL DATA

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

Enzyme(s)	Fragment(s)
<i>Not</i> I	4.7 kb
<i>Bgl</i> II	4.2 & 0.5 kb

- A_{260}/A_{280} : 1.8 – 2.0

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