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PRODUCT: pDsRed-Monomer Vector

CATALOG NO.	AMOUNT	DESCRIPTION
632467	20 µg	pDsRed-Monomer encodes DsRed-Monomer, a monomeric mutant of the <i>Discosoma</i> sp. red fluorescent protein DsRed. In this vector, the DsRed-Monomer coding sequence is flanked by separate MCS regions, making it possible to excise and shuttle the DsRed-Monomer coding region into other vector systems. pDsRed-Monomer is primarily intended to serve as a source of DsRed-Monomer cDNA.
LOT NUMBER	Specified on product label.	
STORAGE BUFFER	10 mM Tris-HCl (pH 8.0) 1 mM EDTA (pH 8.0)	
STORAGE CONDITIONS	<ul style="list-style-type: none">• Store plasmid at -20°C.• Spin briefly to recover contents.• Avoid repeated freeze/thaw cycles.	CONCENTRATION: 500 ng/µl
SHELF LIFE	1 year from date of receipt under proper storage conditions.	PLASMID SIZE: 3.3 kb
SHIPPING CONDITIONS	Blue ice (4°C) or Dry ice (-70°C)	CLONING SITES <i>Hind</i> III, <i>Sph</i> I, <i>Sal</i> I, <i>Acc</i> I, <i>Bam</i> HI, <i>Xma</i> I, <i>Sma</i> I, <i>Age</i> I, <i>Kpn</i> I, <i>Not</i> I, <i>Eco</i> R I, <i>Spe</i> I, <i>Apa</i> I
		ANTIBIOTIC RESISTANCE Ampicillin (50 µg/ml) for propagation in <i>E. coli</i>
		PACKAGE CONTENTS 1 tube of pDsRed-Monomer Vector
		OTHER pDsRed-Monomer Vector Information Packet (PT3794-5)

FOR RESEARCH USE ONLY**QUALITY CONTROL DATA**

See back of page.

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APPROVED BY: _____

(PA842688)

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>Age</i> I	3.3 kb
<i>Xba</i> I	2.6 & 0.7 kb

- A_{260}/A_{280} : 1.8 – 2.0

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