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PRODUCT: pmStrawberry Vector

CATALOG NO.	AMOUNT	DESCRIPTION
632530	20 µg	pmStrawberry encodes mStrawberry, a mutant derived from the tetrameric <i>Discosoma sp.</i> red fluorescent protein, DsRed. In this vector, the mStrawberry coding sequence is flanked by MCS regions, making it easy to excise the gene for use in other cloning applications. pmStrawberry is primarily intended to serve as a source of mStrawberry 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 AccI, ApaI, Asp718I, BamHI, BsiWI, EcoRI, HindIII, KpnI, NotI, Sal I, SmaI, SpeI, SphI, XmaI
		ANTIBIOTIC RESISTANCE Ampicillin (50 µg/ml) for propagation in <i>E. coli</i>
		PACKAGE CONTENTS 1 tube of pmStrawberry Vector
		OTHER Vector Information Packet (PT3971-5)

FOR RESEARCH USE ONLY**QUALITY CONTROL DATA**

See back of page.

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(PA053852)

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)
AgeI	3.3 kb
PstI	0.4 & 2.9 kb

- A_{260}/A_{280} : 1.8 – 2.0

NOTE

Clontech is pleased to be able to offer researchers the Fruit Fluorescent Proteins that were developed in the laboratory of Dr. Roger Tsien at the University of California, San Diego. The Tsien group has published extensively on the characteristics and uses of these exciting products, and Clontech can provide you with a bibliography if you have any questions regarding their performance, structure, or applications. Clontech has not repeated the experiments conducted by the Tsien group. The genes, encoding the different proteins, are available in a bacterial source vector format.

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Living Colors Fluorescent Protein Products:

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This document has been reviewed and approved by the Clontech Quality Assurance Department.