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PRODUCT: pmR-mCherry Vector

CATALOG NO.	AMOUNT	DESCRIPTION
632542	20 µg	pmR-mCherry is a mammalian expression vector designed to constitutively coexpress a microRNA (miRNA) of interest and the mCherry fluorescent protein. mCherry is a mutant fluorescent protein derived from the bright red fluorescent protein, DsRed. The unmodified vector can be used to express mCherry in mammalian cells.
LOT NUMBER	Specified on product label.	
STORAGE BUFFER	10 mM Tris-HCl, 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: 4.7 kb
SHIPPING CONDITIONS	Blue ice (4°C) or Dry ice (-70°C)	CLONING SITES AccI, ApaI, BamHI, BglIII, EcoRI, HindIII, KpnI, SacI, SalI, SmaI, XbaI, XhoI, XmaI
		ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i>
		PACKAGE CONTENTS 1 tube of pmR-mCherry Vector
		OTHER <ul style="list-style-type: none">• pmR-mCherry Vector Information Packet (PT4431-5)

FOR RESEARCH USE ONLY**QUALITY CONTROL DATA**

See back of page.

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(PA053864)

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	4.7 kb
AgeI/PstI	0.37, 0.4 & 4.0 kb

- A_{260}/A_{280} : 1.8 – 2.0

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The DsRed Monomer and the Fruit Fluorescent Proteins are covered by one or more of the following U.S. Patents: 7,005,511; 7,157,566; 7,393,923 and 7,250,298.

Living Colors Fluorescent Protein Products:

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