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PRODUCT: pCMV-tdTomato Vector

CATALOG NO. 632534	AMOUNT 20 µg	DESCRIPTION The mammalian CMV promoter in pCMV-tdTomato allows the constitutive expression of the tandem version of the dimeric red fluorescent protein, Tomato, driven by the constitutive immediate early promoter of cytomegalovirus (CMV). This vector does not contain an MCS. It can be used for labeling purposes or as a cotransfection marker to determine transfection efficiency.
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	PLASMID SIZE: 5.4 kb
SHELF LIFE 1 year from date of receipt under proper storage conditions.		ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i>
SHIPPING CONDITIONS Blue ice (4°C) or dry ice (-70°C)		PACKAGE CONTENTS 1 tube of pCMV-tdTomato Vector
		OTHER <ul style="list-style-type: none"> • Vector Information Packet (PT4069-5)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

Please see back of page.

We recommend the DsRed Polyclonal Antibody, Cat. No. 632496, for use with tdTomato.

Visit our website
for more details!
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(PA053856)

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)
NheI	5.4 kb
AgeI & NotI	1.4 & 4.0 kb

- A_{260}/A_{280} : 1.8–2.0
- The identity of the plasmid was verified by sequencing.

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The DsRedMonomer 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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