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PRODUCT: ptdTomato-C1 Vector

<p>CATALOG NO. 632533</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>FOR RESEARCH USE ONLY</p>	<p>DESCRIPTION ptdTomato-C1 is a mammalian expression vector, containing a tandem sequence of the dimeric red fluorescent protein, Tomato. An MCS at the 3' end of the encoding sequence makes it possible to clone in a gene of interest in order to express it as a C-terminal fusion protein with tdTomato. The unmodified vector can be used to express tdTomato in mammalian cells.</p> <p>CONCENTRATION: 500 ng/µl</p> <p>PLASMID SIZE: 5.4 kb</p> <p>CLONING SITES AccI, ApaI, Asp718, BamHI, BglIII, BspE1, EcoRI, HindIII, KpnI, SacI, Sall, SmaI, XbaI (blocked by DAM methylation), XhoI, XmaI</p> <p>ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i></p> <p>PACKAGE CONTENTS 1 tube of ptdTomato-C1 Vector</p> <p>OTHER Vector Information Packet (PT4068-5)</p>
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QUALITY CONTROL DATA

See back of page.



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(PA053855)

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	5.4 kb
AgeI & EcoRI	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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