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PRODUCT: ptdTomato-N1 Vector

CATALOG NO.	AMOUNT	DESCRIPTION
632532	20 µg	ptdTomato-N1 is a mammalian expression vector containing a tandem sequence of the dimeric red fluorescent protein, Tomato. An MCS at the 5' end of the coding sequence makes it possible to insert a gene of interest in order to express it as an N-terminal fusion with tdTomato. The unmodified vector can be used to express tdTomato in mammalian cells.
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: 5.4 kb
SHIPPING CONDITIONS	Blue ice (4°C) or dry ice (-70°C)	CLONING SITES AccI, Acc65I, AgeI, ApaI, Asp718, BamHI, BglII, EcoRI, HindIII, KpnI, NheI, SacI, SalI, SmaI, XhoI, XmaI
		ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i>
		PACKAGE CONTENTS 1 tube of ptdTomato-N1 Vector
		OTHER Vector Information Packet (PT4067-5)
FOR RESEARCH USE ONLY		

QUALITY CONTROL DATA

See back of page.

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(PA053854)

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)
NotI	5.4 kb
NotI & NheI	4.0 & 1.4 kb

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

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