

pPAmCherry-Tubulin Vector

Catalog No.
632590

Amount
10 ug

Lot Number
Specified on product label.

Product Information

pPAmCherry-Tubulin Vector is a mammalian expression vector encoding PAmCherry, a photoactivatable mutant of the fluorescent protein mCherry, fused to human alpha-tubulin. PAmCherry is non-fluorescence until photoactivated by a short exposure to light at a wavelength between 350 nm and 400 nm. The excitation/emission wavelengths of photoactivated PAmCherry are 564 nm and 595 nm.

Contents

- 20 µl pPAmCherry-Tubulin Vector (500 ng/µl)

Storage Conditions

- Store at -20°C .
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1 mM EDTA (pH 8.0).

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice (-70°C).

Product Documents

Documents for Clontech products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- pPAmCherry-Tubulin Vector Information

Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566 (040512)	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116

Propagation in *E. coli*

- Recommended host strain: Stellar™ Competent Cells (Cat. No. 636763). Single-stranded DNA production requires strains containing an F plasmid, such as JM109 or XL1-Blue.
- Selectable marker: Plasmids confer resistance to kanamycin (50 µg/ml) in *E. coli* hosts.
- *E. coli* replication origin: pUC

Quality Control Data

Plasmid Identity & Purity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzyme(s)	Size (kb)
pPAmCherry-Tubulin	AgeI	6.0 kb
	NheI/BamHI	2.1 & 3.9 kb

- Vector identity was confirmed by sequencing.
- A_{260}/A_{280} : 1.8–2.0

pPAmCherry-Tubulin Vector

CATALOG NO.

632590

NOTICE TO PURCHASER:

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Clontech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product's web page at <http://www.clontech.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 44

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.

STATEMENT 72

Living Colors Fluorescent Protein Products: Not-For-Profit Entities: Orders may be placed in the normal manner by contacting your local representative or Clontech Customer Service at. Any and all uses of this product will be subject to the terms and conditions of the Non-Commercial Use License Agreement (the "Non-Commercial License"), a copy of which can be found below. As a condition of sale of this product to you, and prior to using this product, you must agree to the terms and conditions of the Non-Commercial License. Under the Non-Commercial License, Clontech grants Not-For-Profit Entities a non-exclusive, non-transferable, non-sublicensable and limited license to use this product for internal, non-commercial scientific research use only. Such license specifically excludes the right to sell or otherwise transfer this product, its components or derivatives thereof to third parties. No modifications to the product may be made without express written permission from Clontech. Any other use of this product requires a different license from Clontech. For license information, please contact a licensing representative by phone at 650.919.7320 or by e-mail at licensing@clontech.com. For-Profit Entities wishing to use this product are required to obtain a license from Clontech. For license information, please contact a licensing representative by phone at 650.919.7320 or by e-mail at licensing@clontech.com.

TRADEMARKS:

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

4/5/2012

United States/Canada

Asia Pacific

Europe

Japan

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.543.6116

Notice to Purchaser



Clontech, the Clontech logo, Living Colors, and Stellar are trademarks of Clontech Laboratories, Inc.

All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2012 Clontech Laboratories, Inc. This document has been reviewed and approved by the Clontech Quality Assurance Department.

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

4/5/2012

United States/Canada

Asia Pacific

Europe

Japan

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.543.6116