

In the interest of conserving resources, we are no longer shipping manuals with products. Please visit www.clontech.com/manuals to obtain an electronic version.

PRODUCT: pAcGFP1-Golgi Vector

<p>CATALOG NO. 632464</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>AMOUNT 20 µg</p> <p>DESCRIPTION The pAcGFP1-Golgi Vector encodes a fusion protein consisting of <i>Aequorea coerulescens</i> green fluorescent protein (AcGFP1) fused at its N-terminus to 81 amino acids of the precursor to the human beta 1,4-galactosyltransferase (GT). AcGFP1 protein is optimized for brighter fluorescence and higher expression in mammalian cells. pAcGFP1-Golgi can be used for specific labeling of the trans-medial region of the Golgi apparatus in mammalian cells.</p> <p>CONCENTRATION: 500 ng/µl</p> <p>PLASMID SIZE: 4.9 kb</p> <p>ANTIBIOTIC RESISTANCE Kanamycin (50 µg/ml) for propagation in <i>E. coli</i> DH5α</p> <p>PACKAGE CONTENTS 1 tube of pAcGFP1-Golgi Vector</p> <p>OTHER Vector Information Packet (PT3776-5)</p>
---	--

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)
<i>Age</i> I	4.9 kb
<i>Msc</i> I	2.8 & 2.1 kb

- A_{260}/A_{280} : 1.8 – 2.0

APPROVED BY: _____



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 written approval of Clontech Laboratories, Inc.

Not-For-Profit Entities: Orders may be placed in the normal manner by contacting your local representative or Clontech Customer Service at 650.919.7300. At its discretion, Clontech grants Not-For-Profit Entities a non-exclusive, personal, limited license to use this product for non-commercial life science 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 protein coding sequence may be made without express written permission from Clontech. Any other use of this product requires 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.

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.

This product is the subject of U.S. patents.



Clontech

United States/Canada
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

Clontech, the Clontech logo and all other trademarks are the property of Clontech Laboratories, Inc.
Clontech is a Takara Bio Company. ©2006
(PA42579)