

PRODUCT: pAcGFP1-Tubulin Vector

CATALOG No. 632488	AMOUNT 20 µg	DESCRIPTION pAcGFP1-Tubulin encodes a fusion protein consisting of the AcGFP1 green fluorescent protein (GFP) and human α -tubulin. AcGFP1 is an <i>Aequorea coerulea</i> GFP that has been optimized for brighter fluorescence and higher expression in mammalian cells. The AcGFP1-Tubulin fusion protein incorporates into growing microtubules, allowing visualization of the microtubule network in living or fixed 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 vector at -20°C.• Spin briefly to recover contents.• Avoid repeated freeze/thaw cycles.	CONCENTRATION: 500 ng/ul	
SHELF LIFE 1 year from date of receipt under proper storage conditions.		PLASMID SIZE: 6.0 kb
SHIPPING CONDITIONS Blue ice (4°C) Dry ice (-70°C)		ANTIBIOTIC RESISTANCE: Kanamycin (50 µg/ml) for propagation in Fusion-Blue™ <i>E. coli</i> cells
		PACKAGE CONTENTS 1 tube of pAcGFP1-Tubulin Vector
		OTHER Vector Information Packet (PT3836-5)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

See back of page.

APPROVED BY: _____



(PA54667)

QUALITY CONTROL DATA

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

Enzyme(s)	Fragment(s)
<i>Bgl</i> II	6.0 kb
<i>Xho</i> I/ <i>Bam</i> H I	1.4 & 4.6 kb

- Plasmid identity was confirmed by sequencing.
- Plasmid purity was analyzed by OD A_{260}/A_{280} measurement and found to be ≥ 1.8 .

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