

PRODUCT: pAcGFP1-Actin

CATALOG NO.
632453

AMOUNT
20 µg

DESCRIPTION

pAcGFP1-Actin encodes a fusion protein consisting of *Aequorea coerulescens* green fluorescent protein (AcGFP1) fused at its C-terminus to the human cytoplasmic β-actin. The AcGFP1-Actin fusion protein incorporates into growing actin filaments, allowing visualization of the actin cytoskeleton 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

- Store plasmid 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.

SHIPPING CONDITIONS

Blue ice (4°C) or
Dry ice (-70°C)

FOR RESEARCH USE ONLY

CONCENTRATION: 500 ng/µl

PLASMID SIZE: 5.8 kb

ANTIBIOTIC RESISTANCE

Kanamycin (50 µg/ml) for propagation in *E. coli* DH5α

PACKAGE CONTENTS

1 tube of pAcGFP1-Actin

OTHER

Vector Information Packet (PT3764-5)

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	5.8 kb
<i>Msc</i> I	2.6, 1.9 & 1.3 kb

- A_{260}/A_{280} : 1.8 – 2.0
- The identity of this vector was confirmed by sequencing.

APPROVED BY: _____

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