

pZsGreen Vector

Catalog No.
632446

Amount
20 µg

Lot Number
Specified on product label.

Description

pZsGreen is a prokaryotic expression vector, which encodes *Zoanthus* sp. green fluorescent protein (ZsGreen). The ZsGreen coding sequence carried in pZsGreen retains the wild-type codon usage. In this vector, the ZsGreen gene is flanked by separate and distinct MCS regions at the 5' and 3' ends so that the ZsGreen gene can be subcloned into other expression vectors. This vector is primarily intended to serve as a convenient source of ZsGreen cDNA.

Package Contents

- pZsGreen Vector: 1 tube (20 µg, 500 ng/µl)

Storage Conditions

- Store plasmids 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)

Shipping Conditions

- Dry ice (-70°C)

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- Vector Information Packet (PT3486-5)

Propagation in *E. coli*

- Selectable marker: plasmids confer resistance to ampicillin (50 µg/ml) in *E. coli* hosts.

Takara Bio USA, Inc.

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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)	Fragment(s)
pZsGreen	NotI	3.3 kb
	AgeI/NotI	2.6 & 0.7 kb

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

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our 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 our prior written approval.

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