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PRODUCT: pGADT7 AD Vector

CATALOG NO.
630442

AMOUNT
20 µg

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)

DESCRIPTION

pGADT7 AD is a yeast expression vector that is designed to express a fusion protein between the GAL4 activation domain (AD; amino acids 768-881) and a protein of interest. The fusion protein is expressed at high levels from the full-length *ADH1* promoter. The fusion protein also contains a hemagglutinin (HA) epitope tag. To facilitate *in vitro* transcription/translation, pGADT7 AD includes the T7 promoter between the GAL4 AD and the epitope tag.

CONCENTRATION: 500 ng/µl

PLASMID SIZE: 8.0 kb

CLONING SITES

Nde I, *Sfi* I, *Eco* R I, *Sma* I, *Xma* I, *Cla* I, *Bam* H I, *Sac* I, *Xho* I

ANTIBIOTIC RESISTANCE

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

PACKAGE CONTENTS

1 tube of pGADT7 AD Vector

OTHER

Vector Information Packet (PT3249-5)

FOR RESEARCH USE ONLY**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>Hind</i> III | 7.2 & 0.8 kb |

- A_{260}/A_{280} : 1.8 – 2.0

APPROVED BY: _____


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