

pGADT7 AD Vector

Catalog No.
630442

Amount
20 µg

Lot Number
Specified on product label.

Description

pGADT7 AD is an 8.0 kb 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 ADHI 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.

Package Contents

- 20 µg pGADT7 AD Vector

Storage Conditions

- Store at –20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1 mM EDTA (pH 8.0)

Concentration

- 500 ng/µl

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- pGADT7 AD Vector Information
- pGADT7 AD Vector Sequence in GenBank Format

Propagation in *E. coli*

- Ampicillin (50 µg/ml)

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:

Enzyme(s)	Fragment Size (kb)
HindIII	7.2 & 0.8

- 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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