

pGBKT7 DNA-BD Vector

Catalog No.
630443

Amount
20 µg

Lot Number
Specified on product label.

Description

pGBKT7 is a yeast expression vector that is designed to express a fusion protein of the GAL4 DNA-binding domain (DNA-BD; amino acids 1–147) and a bait protein. The fusion protein is expressed at high levels from the medium *ADHI* promoter. The fusion protein also contains a c-Myc epitope tag. To facilitate in vitro transcription/translation, pGBKT7 includes the T7 promoter between the GAL4 DNA-BD and the epitope tag.

- **Plasmid Size:** 7.3 kb
- **Antibiotic Resistance:** Kanamycin (50 µg/ml for propagation in *E. coli*)

Package Contents

- 20 µg pGBKT7 DNA-BD 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](https://www.takarabio.com/manuals)
The following documents apply to this product:

- pGBKT7 Vector Information
- pGBKT7 Vector Sequence in GenBank Format

Takara Bio USA, Inc.

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Quality Control Data

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzymes	Fragments
pGBKT7 DNA-BD	BssHII HindIII	5.0, 1.5, 0.7, & 0.2 kb

- A_{260}/A_{280} : 1.8–2.0 for each vector.

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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