PRODUCT:  pGBKT7 DNA-BD Vector

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 ADH1 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.

CONCENTRATION:  500 ng/µl

PLASMID SIZE:  7.3 kb

CLONING SITES
Nde I, Nco I, Sfi I, EcoR I, Sma I, Xma I, BamH I, Sal I, Pst I

ANTIBIOTIC RESISTANCE
Kanamycin (50 µg/ml) for propagation in E. coli

PACKAGE CONTENTS
1 tube of pGBKT7 DNA-BD Vector

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:

<table>
<thead>
<tr>
<th>Enzyme(s)</th>
<th>Fragment(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BssH II &amp; Hind III</td>
<td>5.0, 1.5, 0.7, &amp; 0.2 kb</td>
</tr>
<tr>
<td>A&lt;sub&gt;260&lt;/sub&gt;/A&lt;sub&gt;280&lt;/sub&gt;: 1.8 – 2.0</td>
<td></td>
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</tbody>
</table>

APPROVED BY: _______________________

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