Rhesus THY1 ORF mammalian expression plasmid, C-HA tag

Catalog Number: CG90205-CY

General Information
Gene: Thy-1 cell surface antigen
Official Symbol: THY1
Synonym: THY1
Source: Rhesus
cDNA Size: 486bp
RefSeq: NM_001042638.1

Description
Lot: Please refer to the label on the tube
Vector: pCMV3-C-HA
Shipping carrier: Each tube contains approximately 10 μg of lyophilized plasmid.

Storage:
The lyophilized plasmid can be stored at ambient temperature for three months.

Quality control:
The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.

Sequencing primer list:

<table>
<thead>
<tr>
<th>pCMV3-F:</th>
<th>5’ CAGGTGTCCTCAGGTCCAAG 3’</th>
</tr>
</thead>
<tbody>
<tr>
<td>pcDNA3-R:</td>
<td>5’ GGCAACTAGAAGGCACAGTCGG 3’</td>
</tr>
</tbody>
</table>

Or

<table>
<thead>
<tr>
<th>Forward T7</th>
<th>5’ TAATACGACTCATATAGGG 3’</th>
</tr>
</thead>
<tbody>
<tr>
<td>ReverseBGH</td>
<td>5’ TAGAAGGGACACAGTCGAGG 3’</td>
</tr>
</tbody>
</table>

Plasmid is ready for:
• Restriction enzyme digestion
• PCR amplification
• E. coli transformation
• DNA sequencing

E.coli strains for transformation (recommended but not limited)

Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5α and TOP10F’.

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Fax: +86-10-51029969  ●  Tel: +86-400-890-9989  ●  http://www.sinobiological.com
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Vector Information

All of the pCMV vectors are designed for high-level stable and transient expression in mammalian hosts. High-level stable and non-replicative transient expression can be carried out in most mammalian cells. The vectors contain the following elements:

• Human enhanced cytomegalovirus immediate-early (CMV) promoter for high-level expression in a wide range of mammalian cells.
• Hygromycin resistance gene for selection of mammalian cell lines.
• A Kozak consensus sequence to enhance mammalian expression.