Human c-Met/Met/HGFR transcript variant 2
Gene ORF cDNA clone expression plasmid, N-Myc tag

Catalog Number:     HG10692-NM

General Information
Gene :               met proto-oncogene (hepatocyte growth factor receptor)
Official Symbol :    MET
Synonym :            AUTS9; c-Met; DFN97; HGFR; RCCP2
Source :             Human
cDNA Size:           4194bp
RefSeq :             NM_000245.2
Plasmid:             pCMV3-SP-Myc-MET-t2

Description
Lot :               Please refer to the label on the tube
Sequence Description :
Identical with the Gene Bank Ref. ID sequence.
Restriction site:    HindIII + NotI(6kb+4.19kb)
Vector :             pCMV3-SP-N-Myc
Quality control :
The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.
Sequencing primer list :

<table>
<thead>
<tr>
<th>Primer</th>
<th>Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCMV3-F</td>
<td>5’ CAGGTGTCCACTCCAGGTCAAG 3’</td>
</tr>
<tr>
<td>pcDNA3-R</td>
<td>5’ GGCAACTAGAAGGCACAGTCGAGG 3’</td>
</tr>
<tr>
<td>Or Forward T7</td>
<td>5’ TAATACGACTCATATAGGG 3’</td>
</tr>
<tr>
<td>ReverseBGH</td>
<td>5’ TAGAAGGCCACAGTCGAGG 3’</td>
</tr>
</tbody>
</table>

Plasmid Resuspension protocol
1. Centrifuge at 5,000 \( \times g \) for 5 min.
2. Carefully open the tube and add 100 \( \mu l \) of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000 \( \times g \).
5. Store the plasmid at \(-20^\circ C\).

The 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, DH5\( \alpha \) and TOP10F\( ^- \).

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Fax: +86-10-5862-8288  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.

Physical Map of Plasmid:

Vector Name: pCMV3-SP-N-Myc
Vector Size: 6149bp
Vector Type: Mammalian Expression Vector
Expression Method: Constitutive, Stable / Transient
Promoter: CMV
Antibiotic Resistance: Kanamycin
Selection in Mammalian Cells: Hygromycin
Protein Tag: Myc