



## QUICK START GUIDE to pOET6 BacMAM Gateway™

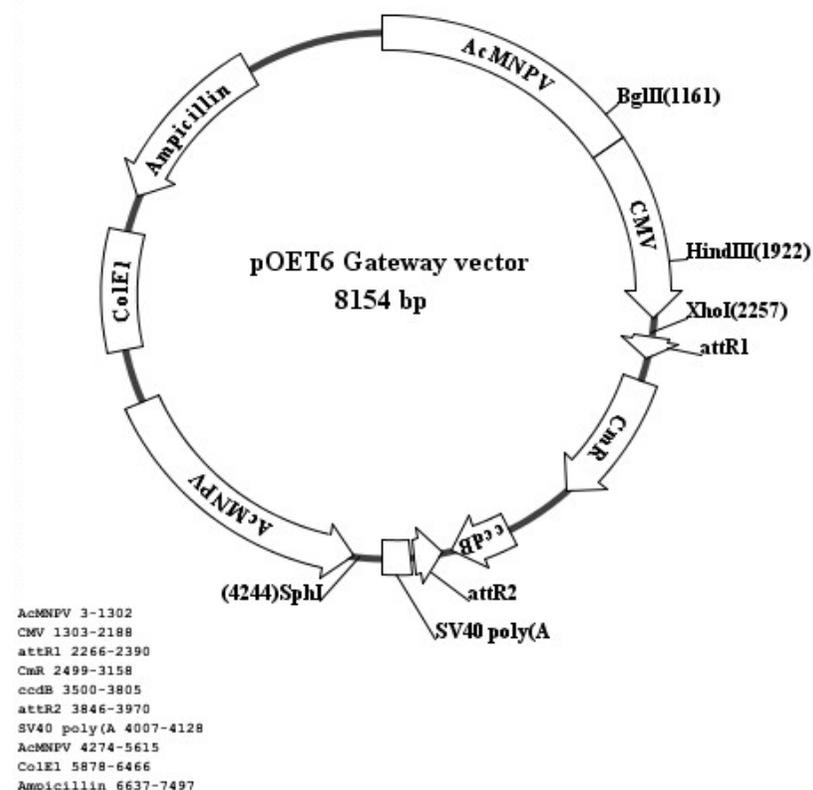
Catalogue Number	200109
Storage	Tightly capped at -20°C
Product Guarantee	1 year from the date of purchase, when properly stored and handled.

pOET6 BacMAM Gateway™ Vector is a baculovirus transfer vector designed for high level expression of foreign genes in mammalian cell lines, under the powerful cytomegalovirus (CMV) promoter. The vector also contains a cassette with the *ccdB* gene (The CcdB protein inhibits growth of most *E. coli* strains by interfering with DNA gyrase (Bernard and Couturier, 1992)) and chloramphenicol resistance gene between two different attR sites, which enable LR recombination to replace the cassette with the gene of interest from an entry vector in the correct orientation. It also contains a bacterial origin of replication and an ampicillin resistance gene for selection in *E. coli* (*E. coli* strain must be resistant to CcdB effects, such as DB3.1™). The AcMNPV sequences flanking the gene in the transfer vectors MCS allow recombination with the viral DNA to insert the expression cassette into the *polh* locus.

pOET6 BacMAM Gateway™ Vector is compatible with any baculovirus system that utilizes homologous recombination in insect cells.

### Reference

Bernard, P., and Couturier, M. (1992). Cell Killing by the F Plasmid CcdB Protein Involves Poisoning of DNA-Topoisomerase II Complexes. *J. Mol. Biol.* 226, 735-745.



Keep up to date with our online tips on our OETips webpages and our OETips blog ([www.oetltd.wordpress.com](http://www.oetltd.wordpress.com)).

Experiencing any troubles? Please feel free to contact our staff at [info@oetltd.com](mailto:info@oetltd.com) and we would be happy to help however we can.



### Oxford Expression Technologies Ltd

Oxford Brookes Campus, Gypsy Lane, Oxford. OX3 0BP

t: +44 (0) 1865 483236

e: [info@oetltd.com](mailto:info@oetltd.com)

f: +44 (0) 1865 483250

w: [www.oetltd.com](http://www.oetltd.com)





## QUICK START GUIDE to pOET6 BacMAM Gateway™

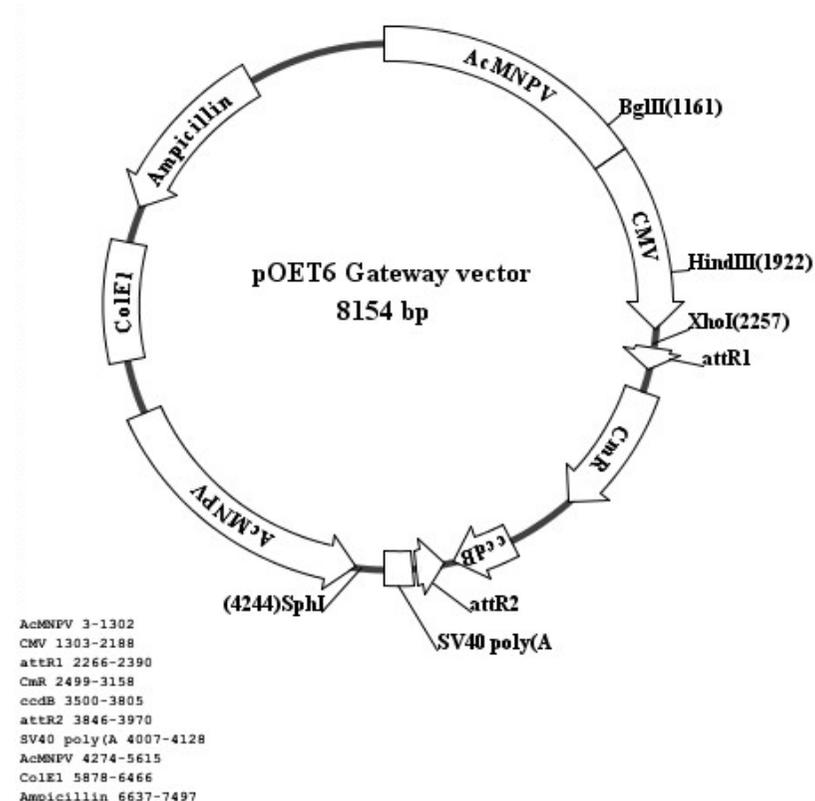
<b>Catalogue Number</b>	200109
<b>Storage</b>	Tightly capped at -20°C
<b>Product Guarantee</b>	1 year from the date of purchase, when properly stored and handled.

pOET6 BacMAM Gateway™ Vector is a baculovirus transfer vector designed for high level expression of foreign genes in mammalian cell lines, under the powerful cytomegalovirus (CMV) promoter. The vector also contains a cassette with the ccdB gene (The CcdB protein inhibits growth of most *E. coli* strains by interfering with DNA gyrase (Bernard and Couturier, 1992)) and chloramphenicol resistance gene between two different attR sites, which enable LR recombination to replace the cassette with the gene of interest from an entry vector in the correct orientation. It also contains a bacterial origin of replication and an ampicillin resistance gene for selection in *E. coli* (*E. coli* strain must be resistant to CcdB effects, such as DB3.1™). The AcMNPV sequences flanking the gene in the transfer vectors MCS allow recombination with the viral DNA to insert the expression cassette into the *polh* locus.

pOET6 BacMAM Gateway™ Vector is compatible with any baculovirus system that utilizes homologous recombination in insect cells.

### Reference

Bernard, P., and Couturier, M. (1992). Cell Killing by the F Plasmid CcdB Protein Involves Poisoning of DNA-Topoisomerase II Complexes. *J. Mol. Biol.* 226, 735-745.



Keep up to date with our online tips on our OETips webpages and our OETips blog ([www.oetltd.wordpress.com](http://www.oetltd.wordpress.com)).

Experiencing any troubles? Please feel free to contact our staff at [info@oetltd.com](mailto:info@oetltd.com) and we would be happy to help however we can.



### Oxford Expression Technologies Ltd

Oxford Brookes Campus, Gipsy Lane, Oxford. OX3 0BP

t: +44 (0) 1865 483236

e: [info@oetltd.com](mailto:info@oetltd.com)

f: +44 (0) 1865 483250

w: [www.oetltd.com](http://www.oetltd.com)

