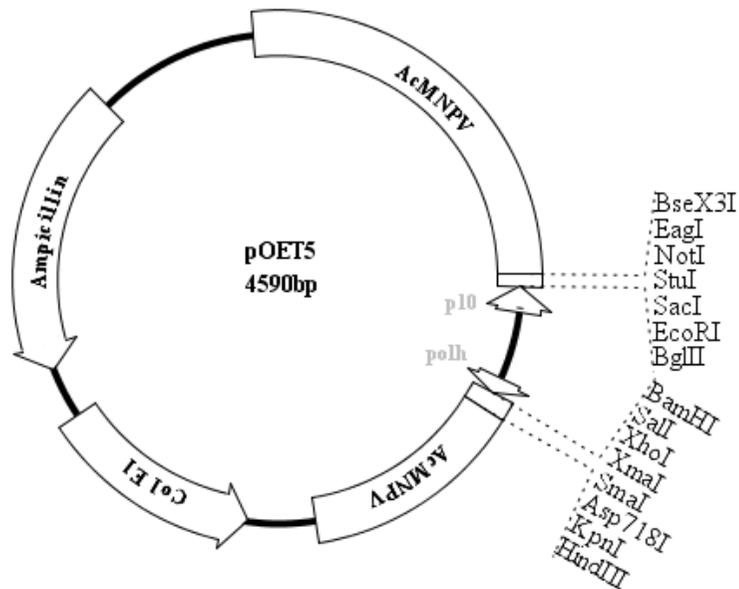




## QUICK START GUIDE to pOET5

<b>Catalogue Number</b>	200106
<b>Storage</b>	Tightly capped at -20°C
<b>Product Guarantee</b>	1 year from the date of purchase, when properly stored and handled

pOET5 is a dual promoter baculovirus transfer vector designed for high level expression of two foreign genes simultaneously under the powerful AcMNPV polyhedrin (*polh*) promoter and the very late *p10* promoter. The promoters are in opposite orientations to minimize recombination. The vector is smaller than other available transfer vectors (4590bp), which greatly facilitates the cloning steps. It has a bacterial origin of replication and an ampicillin resistance gene for selection in *E. coli*. The *polh* sequences have been replaced by two multiple cloning sites containing unique restriction sites for insertion of the foreign genes in the correct orientation. The AcMNPV sequences flanking the gene in the transfer vector's MCS allow recombination with the viral DNA to insert the expression cassette into the *polh* locus. pOET5 is compatible with any baculovirus system that utilizes homologous recombination in insect cells.



### Related OET Products:

#### Baculovirus expression vectors

*flashBAC*<sup>™</sup>: 5, 24 and 96 reaction  
*flashBAC GOLD*: 3, 5 and 24 reaction  
*flashBAC ULTRA*: 3, 5 and 24 reaction  
*flashBAC PRIME*: 5 and 24 reaction

#### Transfection reagents

baculoFECTIN II: 150µl and 1ml

#### Transfection medium

Expression System: 20ml and 100ml transfection media

#### Virus titration tools

baculoQUANT all-in-one  
Sf21 (plaque assay cells)  
Plaque assay service work

#### Cell culture media

Expression systems insect cell culture media and supplementary growth reagents

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.



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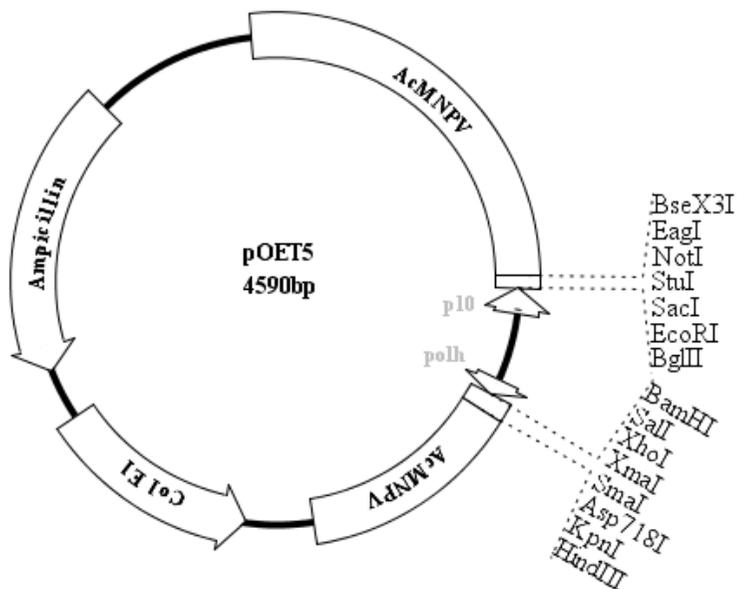




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