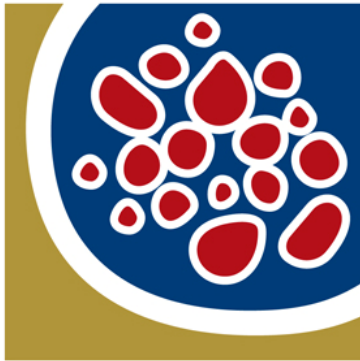


# pOET1™

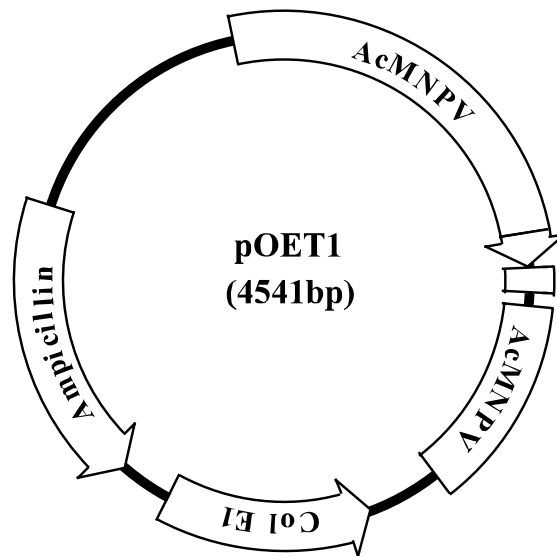
## Transfer Vector Product Information



**OXFORD**  
EXPRESSION  
TECHNOLOGIES

pOET1 is a baculovirus transfer vector designed for high level expression of foreign genes under the powerful AcMNPV polyhedron (*polh*) promoter. The vector is smaller than other available transfer vectors (4541bp) which greatly facilitate 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 The *polh* sequences have been replaced by a multiple cloning site containing 14 unique restriction sites for insertion of the foreign gene in the correct orientation. 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. pOET1 is compatible with any baculovirus system that utilizes homologous recombination in insect cells.

AcMNPV 623-1769  
Pr\_PH 1770-1870  
MCS 1875-1953  
AcMNPV 1989-2573  
Col E1 2779-3398  
Ampicillin 3553-4413



BamHI  
HindIII  
XbaI  
SalI  
ApaI  
XmaI  
SmaI  
PstI  
EcoRI  
SacI  
XhoI  
Asp718I  
KpnI  
BseX3I  
EagI  
NotI  
SacII  
BglII  
PacI

Multiple Cloning Site - 1875 to 1953

						SacII	
						NotI	
						EagI	
		SmaI		Asp718I			
	HindIII	SalI	XmaI	EcoRI	XhoI	BseX3I	
	BamHI	XbaI	ApaI	PstI	SacI	KpnI	BglII
1875	GGATCCAAGCTTCTAGAGTCGACGGGCCCGGGCTGCAGAAATTCGAGCTCTCGAGGTACCGCGGCCGAGATCT						
		PacI					
1950	TAAT						