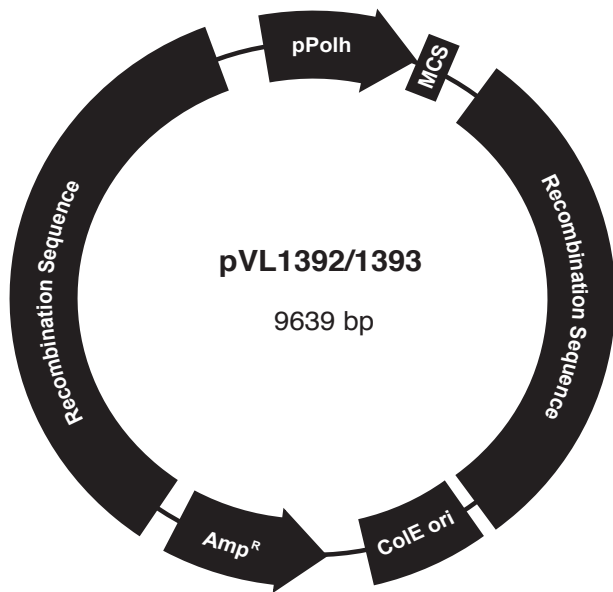


Product Description

pVL1392 and pVL1393 are transfer vectors designed for high-level expression of a cloned gene driven by the strong *Autographa californica* multiple nucleopolyhedrovirus (AcMNPV) polyhedrin promoter (pPolh). pVL1392 and pVL1393 are pUC8 based plasmids containing the AcMNPV polyhedrin locus lacking the majority of the polyhedrin open reading frame. A multiple cloning site (MCS) sequence has been inserted 37 nucleotides downstream from the original polyhedrin ATG start codon, which has been mutated to ATT. pVL1392 and pVL1393 share identical sequences, with the exception that they each have the same MCS in opposing orientations. A start and stop codon must be provided with the gene that is to be cloned into the MCS. For maximal recombinant protein expression, the distance between the cloning site and the ATG start of the inserted gene should be kept to a minimum, and should not exceed 100 nucleotides. Both transfer vectors are compatible with BestBac 1.0 and BestBac 2.0 Linearized Baculovirus DNA.

Product	Catalog Number	Amount	Storage
pVL1392,1393 Transfer Vector Set	91-030	25 µl at 200 ng/µl	4°C or 20°C



Plasmid Features

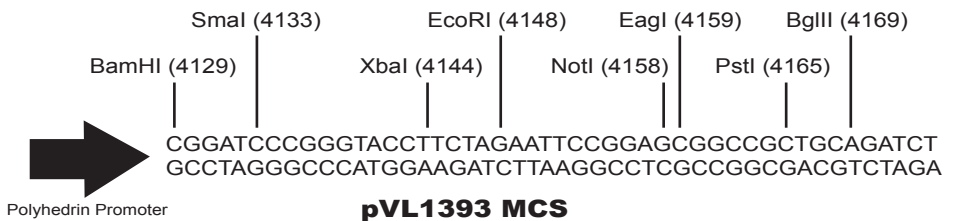
5' Recombination Seq: 1-3997 bp
 pPolh: 3998-4092 bp
 pVL 1393 MCS: 4129-4169 bp
 pVL 1392 MCS: 4134-4174 bp
 ColE ori: 7407-8026 bp
 Ampicillin Resistance: 8181-9041 bp
 3' Recombination Seq: 4180-6973 bp

Storage Buffer: 10mM Tris-HCL, pH= 8.0

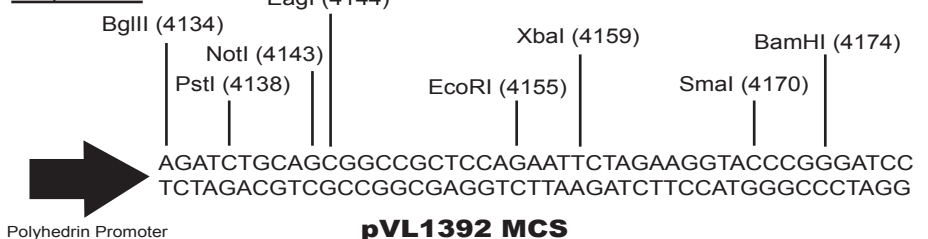
Safety Information

Read the Safety Data Sheets (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing and gloves.

Unique Sites



Unique Sites



Related Products

Product	Catalog Number
ESF 921	96-001
Adapted Sf9 Cells	94-001 or 94-006
Transfection Medium	95-020
BestBac™ Linearized DNA	91-001 or 91-002
Expres ² TR Transfection Reagent	95-055








Important Licensing Information

This product may be covered by one or more Limited Use Label Licenses. By use of this product, you accept the terms and conditions of all applicable Limited Use Label Licenses.

Limited Product Warranty

Expression Systems LLC warrants that this product meets its specifications, as stated in our product brochures and certificates. This warranty lasts from the time we deliver the consumable until either the consumables shelf life, when the product has been handled and stored in accordance with this IFU.

Legend of Labeling Symbols

Symbol	Interpretation
	Catalog Number
	Lot Number
	<i>Research Use Only</i>
	Manufacturer
	Temperature Limitation
	Date of Manufacture
	Instruction for Use

For technical assistance or documentation, such as Certificates of Analysis or Safety Data Sheets, email support@expressionsystems.com

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