

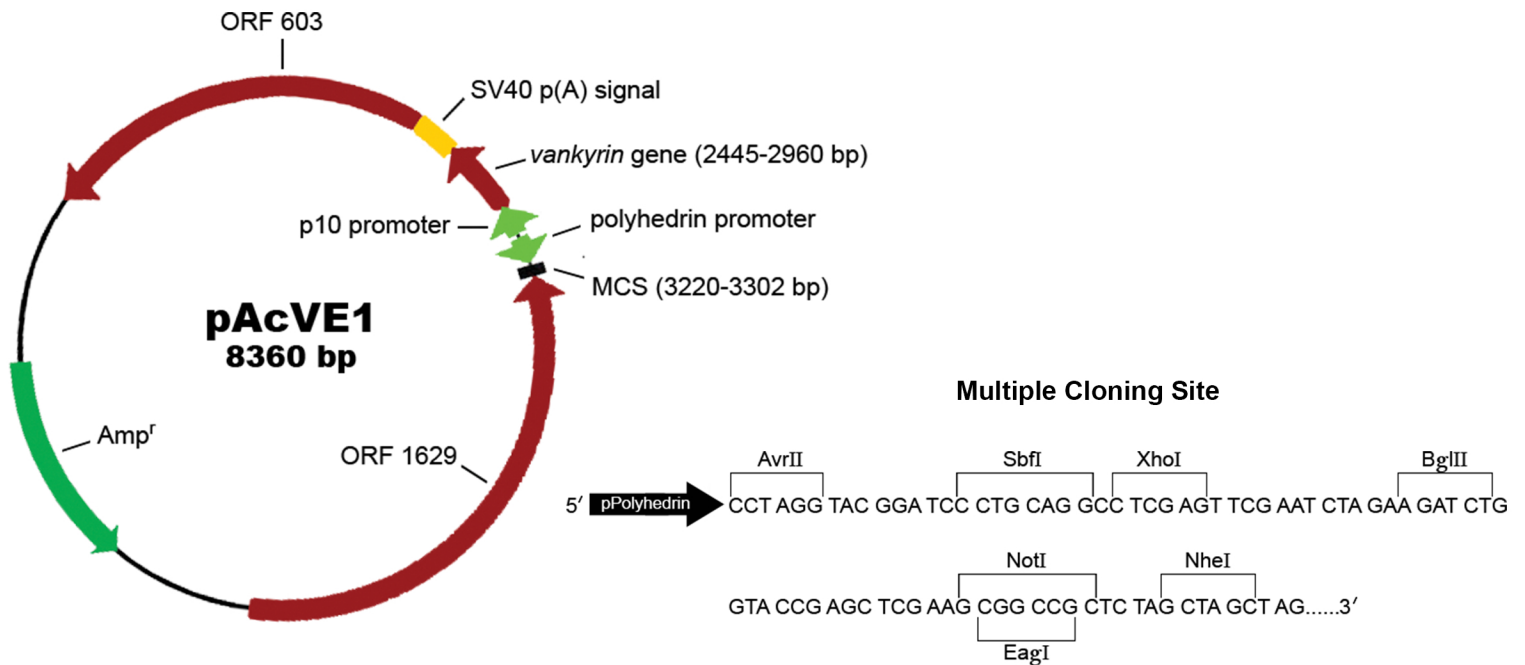
VE-BEVS Transfer Vector



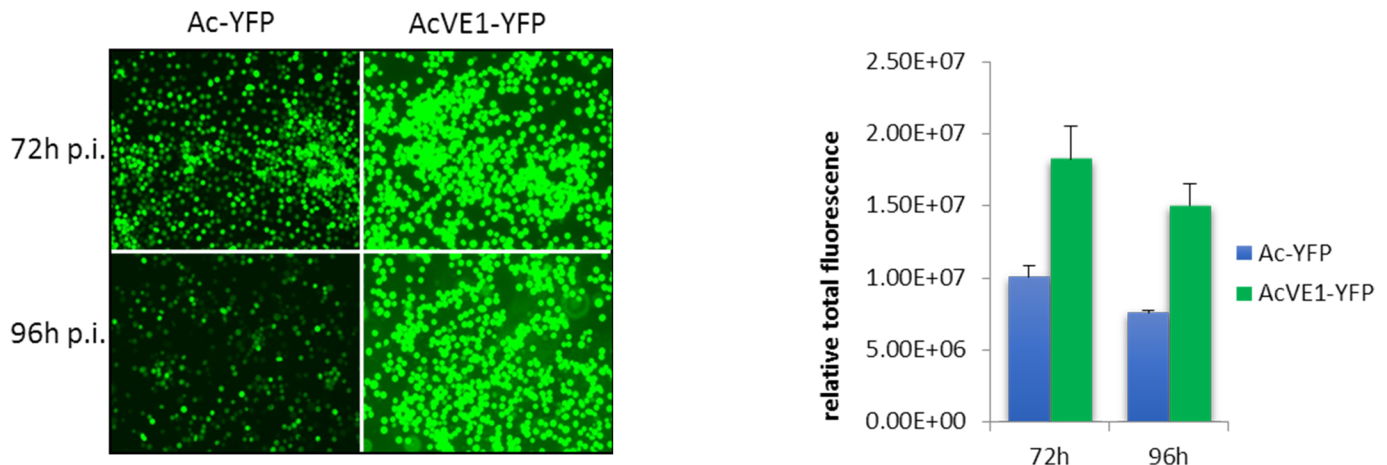
pAcVE1 Product No. 20010

Improve production of recombinant proteins with Paratechs' Vankyrin Enhanced (VE) baculovirus transfer vector pAcVE1. Recombinant protein production is further enhanced when used in combination with Paratechs' VE-insect cell lines (Product Nos. 10010, 10020, 10030).

pAcVE1 Vector Map and Multiple Cloning Site



Yellow Fluorescent Protein expression is enhanced when pAcVE1 is used to generate a vankyrin-enhanced baculovirus.



Left: Fluorescent microscope images of Sf9 cells infected with conventional BEVS (left column; Ac-YFP) and vankyrin-enhanced BEVS (right column; AcVE1-YFP) expressing YFP. Cells were infected with an MOI of 5 and images were taken 72 and 96 hours post infection (h p.i.; 100x magnification). **Right:** Average relative total fluorescence was determined by flow cytometry.

United States Patent 7,629,160

Contract service for recombinant virus construction and protein production is available upon request.



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