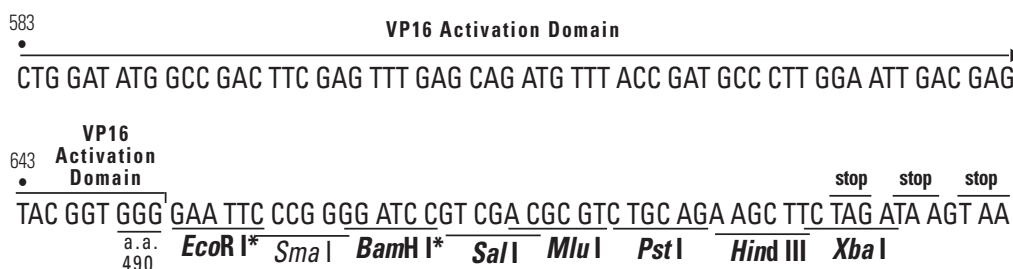
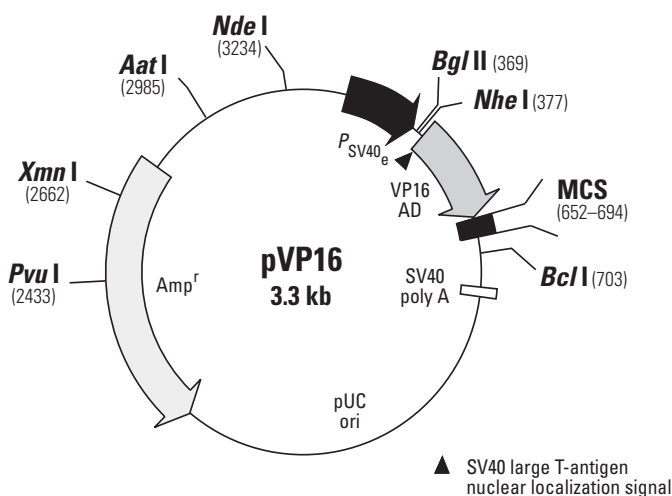


pVP16 Vector Information

PT3127-5

Catalog No. 630305



Restriction Map and Multiple Cloning Site (MCS) of pVP16 AD Cloning Vector. Unique restriction sites are in bold. Restriction sites marked with an asterisk (*) are in the same reading frame as pGADT7.

Description

pVP16 is used to generate a fusion of the VP16 AD (amino acids 446–490) and a protein of interest in the Matchmaker™ Mammalian Assay Kit 2 (Cat. No. 630305). The hybrid protein is targeted to the cell's nucleus by the SV40 nuclear localization sequence. Genes encoding test proteins should be cloned, *in the correct orientation and reading frame*, into one of the unique restriction sites in the MCS region at the 3' end of the VP16 AD. Restriction sites marked with an asterisk (*) are in the same reading frame as pGADT7. Transcription is initiated from the constitutive SV40 early promoter (P_{SV40e}); transcription is terminated at the SV40 poly A transcription termination signal.

Note: The attached sequence file has been compiled from information in the sequence databases, published literature, and other sources, together with partial sequences obtained by Clontech. This vector has not been completely sequenced.



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