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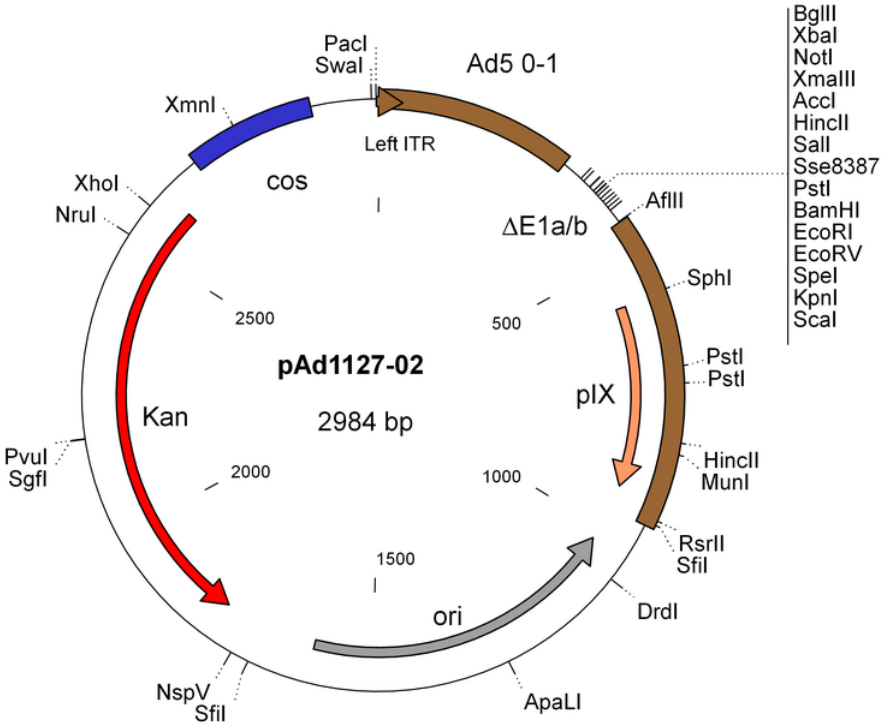
pAd1127-02

pAd1127-02 is a plasmid designed for inserting expression cassettes in place of the E1 region of the Ad5 genome using AdenoQuick2.0. The plasmid can also be used to manipulate the pIX promoter and coding region.

pAd1127-02 contains *Pac*I and *Swa*I sites flanking the first 353 base pairs from the Ad5 genome (including the left ITR and packaging signal), a multiple cloning site, and the pIX coding region. Expression cassettes inserted into the multiple cloning site should contain a promoter, coding sequence and a polyA signal. The sequences encompassing the kanamycin-resistance gene, the ? cos site, the adenovirus 0-1 map units, the multiple cloning site and the pIX coding sequence are flanked by two *Sfi*I restriction sites. These sites generate non-symmetrical sticky ends suitable for directional cloning with the other AdenoQuick2.0 plasmids (pAd1128, pAd1129, pAd1130, and their derivatives).

Because of the size of the E1 deletion (354-3510), the vectors generated from pAd1127-02 have minimal or no homology with the Ad5 sequences inserted in the chromosome of the helper cells such as PER-C6, thereby minimizing the probability of RCA generation.

The adenovirus sequences contained in pAd1127-02 have been verified by sequencing.



Single cutters only

Polylinker	Info Sheet	Sequence	Annotations
pAd1127-02_MCS.png (284.3 KB)	Product_Informa...d1127-02.pdf (220.3 KB)	pAd1127-02.txt (3.0 KB)	pAd1127-02.gb (7.5 KB)