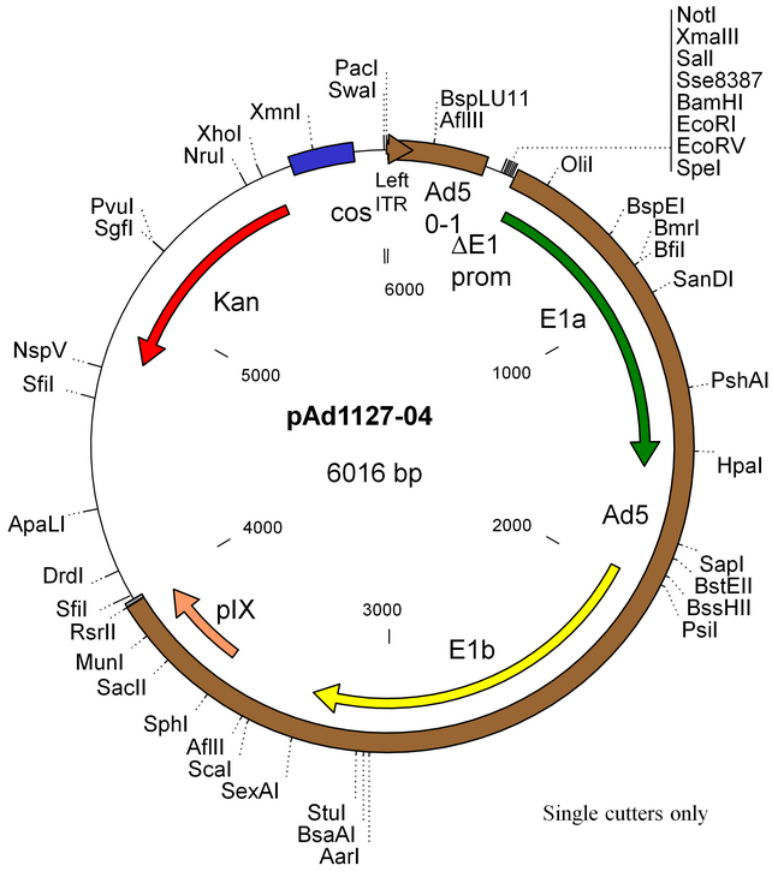
O.D.260 Inc
BETTER TOOLS, BETTER SCIENCE

pAd1127-04

pAd1127-04 is a plasmid designed for constructing Ad5-based oncolytic vectors (CrAds), with heterologous promoters driving the expression of the E1A gene. It is a derivative of pAd1127 in which the sequence located between the packaging signal and the E1A CAP site was replaced with a multiple cloning site. It 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 E1A, E1B, and pIX coding regions. Transcriptional promoters inserted into the multiple cloning site should contain a TATA box since the E1A TATA box was deleted from the plasmid. The sequences encompassing the kanamycin-resistance gene, the ? cos site, the adenovirus 0-1 map units, the multiple cloning site and the E1A, E1B, and 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). This system is useful for constructing oncolytic vectors in a large variety of configurations, especially in the E1, pIX, E3, fiber, and E4 regions.



Polylinker	Info Sheet	Sequence
pAd1127-04_MCS.png (262.4 KB)	Product_Informa...d1127-04.pdf (216.5 KB)	pAd1127-04.TXT (6.1 KB)