

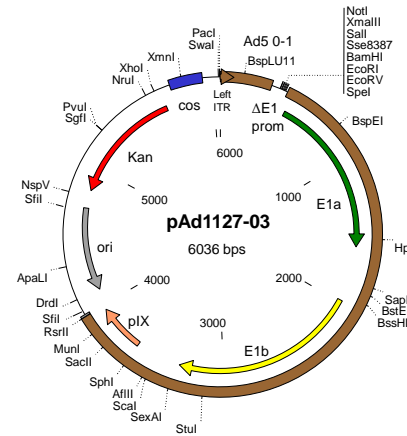
Product Information**pAd1127-03**

Research use only

Catalog No: QP-07**Lot No:** 1002**Contents:**pAd1127-03 plasmid DNA, 20 µg,
1 µg/µL in TE pH 7.5**Storage:** -20°C**Features and Applications:**

pAd1127-03 is a vector 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 TATA

box was replaced with a multiple cloning site. It contains *PacI* and *SwaI* 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 not contain a TATA box since the E1a TATA box is present in the plasmid. The sequences encompassing the kanamycin-resistance gene, the λ cos site, the adenovirus 0-1 map units, the multiple cloning site and the E1a, E1b, and pIX coding sequence are flanked by two *SfiI* 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.

Selection:*prokaryotic* – kanamycin 25 µg/mL**Replication:***prokaryotic* – pUC ori

O.D.260 Inc.

PO Box 534, Boise, ID 83701

Ph. (208)345-7369 - FAX (208)345-7569

E-mail info@od260.com

www.od260.com