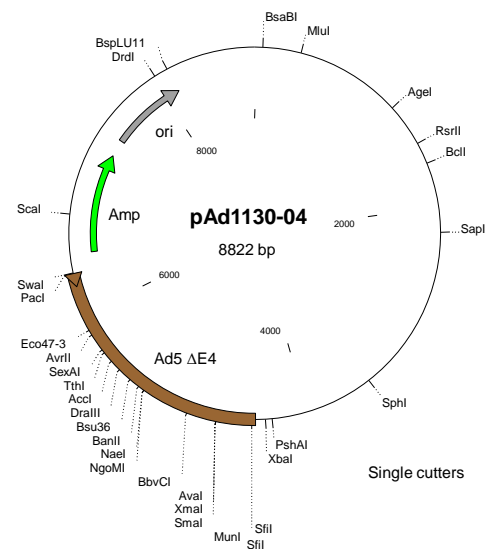


Product Information**pAd1130-04**

Research use only

Catalog No: QP-19**Lot No:** 1005**Contents:**pAd1130-04 plasmid DNA, 20 µg,
1 µg/µL in TE pH 7.5**Storage:** -20°C**Features and Applications:**ppAd1130-04 is a plasmid designed for constructing recombinant adenovirus vectors, in combination with the AdenoQuick2.0 plasmids pAd1127, pAd1128, pAd1129, and their derivatives. It is a derivative of pAd1130 with a 1.2 kb *SmaI*-*BglII* E4 deletion that

encompasses ORF 1-4, and corresponds to bp 34119-35355 in the WT Ad5 genome.

pAd1130-04 includes the right ITR and a 1.9 kb-long fragment of the E4 region. The right ITR is flanked with *PacI* and *SwaI* sites. The E4 region is terminated with two *SfiI* sites, which generate non-symmetrical sticky ends suitable for directional cloning. The plasmid contains a 5 kb stuffer made from scrambled phage λ DNA. This stuffer increases the size of the ligation product of pAd1127, pAd1128, pAd1129, and pAd1130 so that it can be packaged efficiently into phage λ.**Selection:***prokaryotic* – ampicillin 50 µg/mL**Replication:***prokaryotic* – pUC ori

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