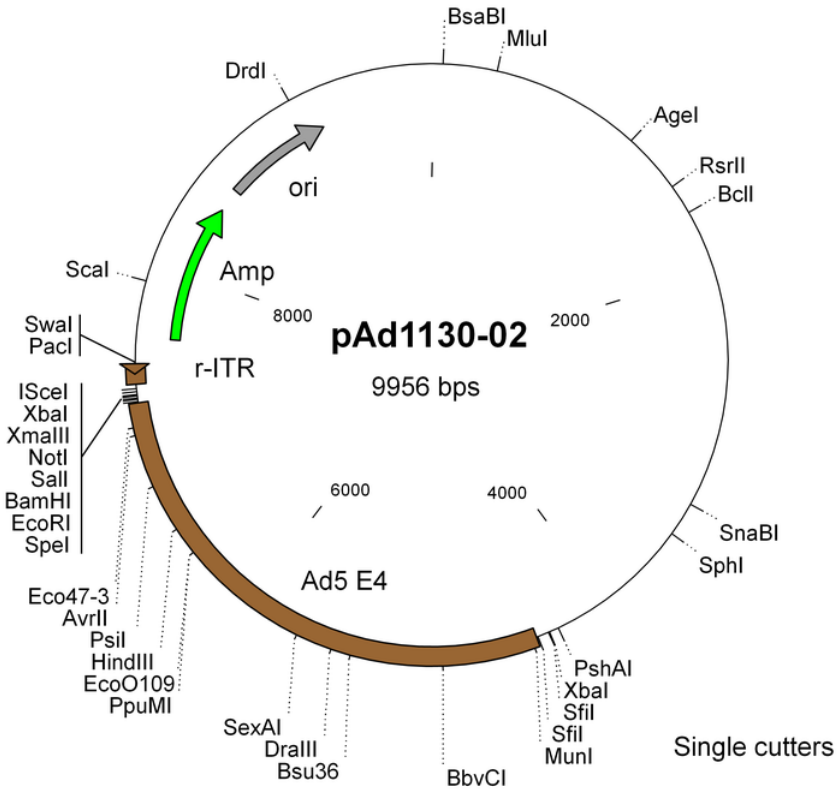
O.D.260 Inc
BETTER TOOLS, BETTER SCIENCE

pAd1130-02

pAd1130-02 is a plasmid designed for constructing recombinant adenovirus vectors, in combination with the AdenoQuick2.0 plasmids (pAd1127, pAd1128, pAd1129, and their derivatives). It is based on pAd1130, in which the E4 promoter (psn 35631-35832 in the Ad5 genome) is deleted and replaced with a multiple cloning site. The plasmid can be used to construct oncolytic adenoviruses containing heterologous promoter (with their own TATA box) driving the expression of the E4 genes. It can also be used to construct helper viruses with E4 region modifications. The right ITR is flanked with *Pac*I and *Swa*I sites. The E4 region is terminated with two *Sfi*I sites, which generate non-symmetrical sticky ends suitable for directional cloning. The plasmid contains a 5 kb stuffer made from scrambled phage ? 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 ?.



Polylinker	Info Sheet	Sequence
pAd1130-02_MCS.png (381.9 KB)	Product Informa...d1130-02.pdf (143.7 KB)	pAd1130-02.TXT (10.0 KB)