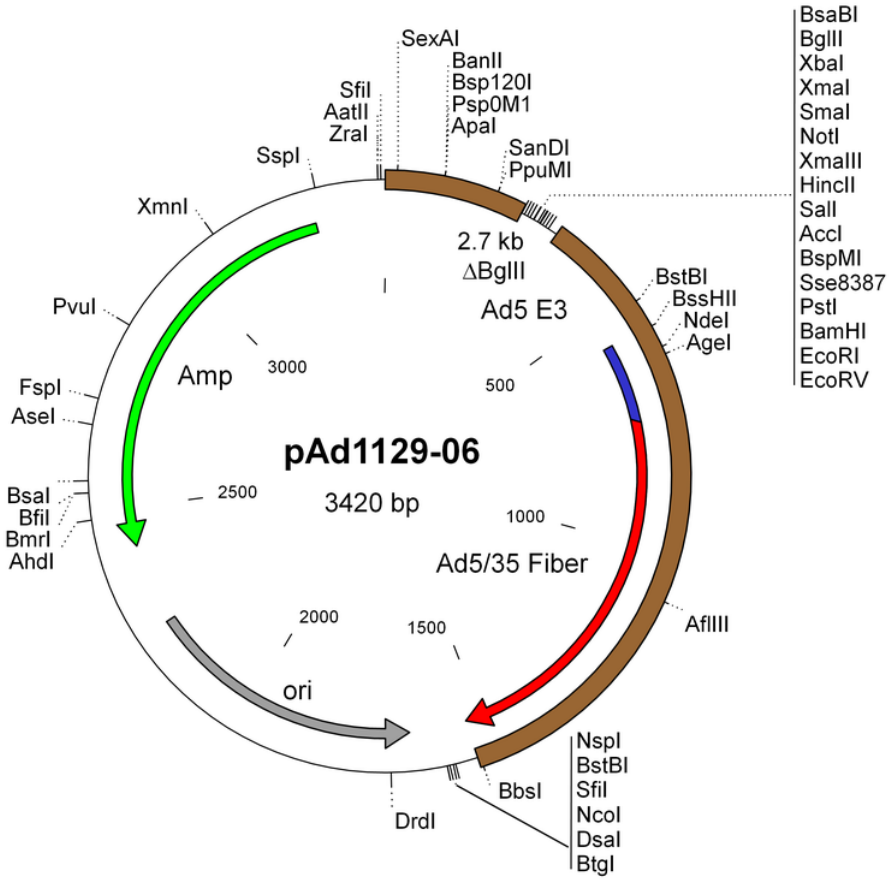
O.D.260 Inc
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pAd1129-06

pAd1129-06 is a shuttle plasmid designed for constructing E3-deleted and bipartite (dicistronic) recombinant adenovirus vectors that are targeted to cells expressing the CD46 receptor. It contains the sequence encompassing psn 27885-32795 in the Ad5 genome including the E3 region and a Ad5/35 hybrid fiber gene. Almost all E3 genes (2.7 kb BglII fragment including gp19K membrane protein and the adenovirus “death” protein) were deleted, and replaced with a multiple cloning site, which allows for the insertion of expression cassettes in the E3 region, about 25 kb away from those that may be inserted in the E1 region. Expression cassettes inserted into that multiple cloning site should contain a promoter and poly(A) signal, but no intron or splice site. The adenovirus sequences are flanked by two *Sfi*I sites, which generate non-symmetrical sticky ends suitable for directional cloning with the other AdenoQuick2.0 plasmids (pAd1127, pAd1128, pAd1130, and their derivatives). The E3 BglII deletion and the hybrid Ad5/35 fiber, which is shorter than WT Ad5 fiber, provide with 2686 bp + 756 bp = 3.4 kb extra cargo capacity.



Polylinker	Info Sheet	Sequence	Annotations
pAd1129-06_MCS.png (261.2 KB)	Product_Informa...d1129-06.pdf (148.0 KB)	pAd1129-06.txt (3.4 KB)	pAd1129-06.gb (8.5 KB)