

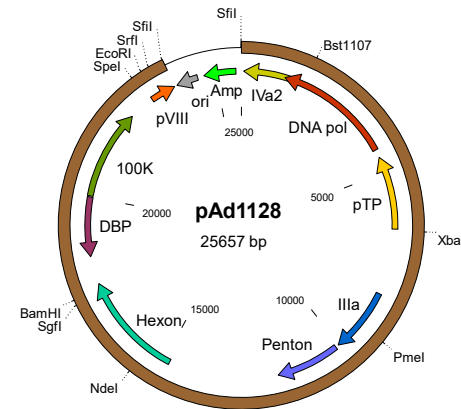
Product Information**pAd1128**

Research use only

Catalog No: QP-09**Lot No:** 1003**Contents:**pAd1128 plasmid DNA, 20 µg,
1 µg/µL in TE pH 7.5**Storage:** -20°C**Features and Applications:**

pAd1128 is a plasmid designed for constructing recombinant adenovirus vectors, in combination with the AdenoQuick2.0 plasmids (pAd1127, pAd1129, pAd1130, and their derivatives). It contains the sequence encompassing psn 4033-27868 in the

Ad5 genome. The two *SfiI* sites naturally present in WT Ad5 DNA were mutated by substituting A for G and C at positions 16291 and 16294 in the Ad5 genome, and C and G for respectively G and C at positions 23001 and 23004 in the Ad5 genome, introducing silent mutations in the adenovirus pVII and DNA-binding protein coding sequences. pAd1128 includes among others the complete ORFs encoding IVa2, DNA polymerase, pre-terminal protein, IIIa, penton, hexon, DNA-binding protein, 100K, and pVIII. The adenovirus sequences are flanked by two *SfiI* sites, which generate non-symmetrical sticky ends suitable for directional cloning.

Selection:*prokaryotic* – ampicillin 50 µg/mL**Replication:***prokaryotic* – pUC ori

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