

# Certificate of Analysis

## AdenoQuick13.1

Research use only

**Catalog No:** QR-03

**Lot No:** 0101

**Contents:**

AdenoQuick13.1 plasmid DNA, *Sfi*I-digested, 10 reactions (20  $\mu$ L, 0.25  $\mu$ g/ $\mu$ L in TE pH 7.5)

**Storage:** -20°C

**Features and Applications:**

AdenoQuick13.1 is a 36,713 bp plasmid that contains the sequences encompassing bp 3504-right end of the Ad5 genome, with a 2.7 kb E3 deletion. Two pairs of *Sfi*I sites that allow for directional cloning replace the E1 and E3 regions. The right ITR is flanked by

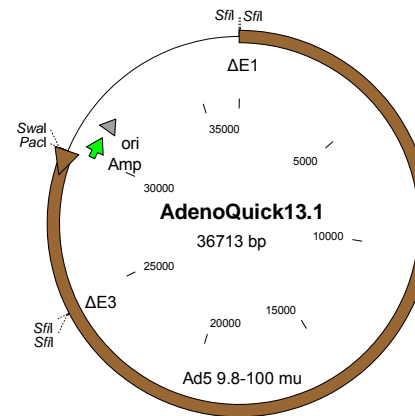
*Pac*I and *Swa*I sites. AdenoQuick13.1 is used in combination with the shuttle vectors pE1.2 and pE3.1 to construct replication-deficient adenoviruses containing transgenes in both the E1 and E3 regions. The maximum transgene capacity is 7.7 kb.

**Selection:**

*prokaryotic* – ampicillin 50  $\mu$ g/mL

**Replication:**

*prokaryotic* – pUC ori



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