

## Product Information

# Ad5.CMV-GFP

Research use only

**Catalog No:** AD106-S

**Lot No:** 0702

**Contents:**

Ad5.CMV-GFP,  $4.0 \times 10^{12}$  VP/mL, 100  $\mu$ L, VP/IU = 11.

**Buffer:**

2.5 % glycerol (w/v), 25 mM NaCl, 20 mM Tris, pH 8.0 (GTS buffer).

**Storage:** -70°C

**Features and Applications:**

Ad5.CMV-GFP is a replication-deficient Ad5-based adenovirus containing a GFP expression cassette in place of the E1 region, oriented towards the left ITR. The GFP coding sequence (a derivative of *Aequorea* GFP) is under the control of a human cytomegalovirus (CMV) promoter and a bovine growth hormone (bGH) polyadenylation signal. The E3 region contains a 1.9 kb XbaI deletion that encompasses the 3' end of the E3 6.7K gene, the entire E3 gp19K, ADP, RID $\alpha$ , RID $\beta$  genes, and the 5' end of the E3 14.7K gene.

**Virus Amplification:**

HEK 293 cells cultured in DMEM supplemented with 10% FBS.

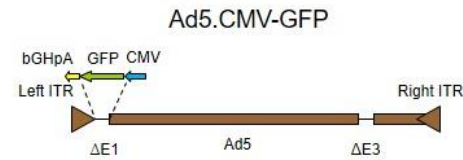
**Purification Method:**

Double CsCl banding.

**Ratio OD<sub>260</sub>/OD<sub>280</sub> (SDS):** 1.36

**Ratio OD<sub>260</sub>/OD<sub>280</sub> (no SDS):** 1.28

**Ratio OD<sub>320</sub>/OD<sub>260</sub> (SDS):** 0.22



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