

VECTOR: As diagramed below.

- \*bp 1-4300 is the 4.3kb EcoRI-AluI fragment from the human  $\beta$ -actin gene isolate p14T $\beta$ -17 (Leavitt et al. Mol. Cell. Biol. 1984, 4, 1961-1969). For sequencing details of the promoter, see Ng et al. Mol. Cell. Biol. 1985, 5, 2720-2732. The cap site, 5' untranslated region and IVS 1 positions are indicated below. There is no ATG codon present in the 5'UT nor in the poly-linker region from the 3' splice site to the BamHI site.
- \*bp 4300-4320 is in part derived from pSP64 poly-linker (Melton et al. Nucl. Acids Res. 1984, 12, 7035-7056).
- \*bp 4320-6600 is derived from pcDV1 (Okayama & Berg. Mol. Cell. Biol. 1983, 3, 280-289) and contains the pBR322 Amp<sup>R</sup> gene and bacterial origin plus the SV40 late region polyadenylation signal.
- \*bp 6600-10000 is the PvuII-EcoRI fragment from pSV2-neo (Southern & Berg, J. Mol. App. Genet. 1982, 1, 327-341) containing the bacterial neo gene linked to the SV40 ori plus early promoter. Direction of transcription is as indicated.

