

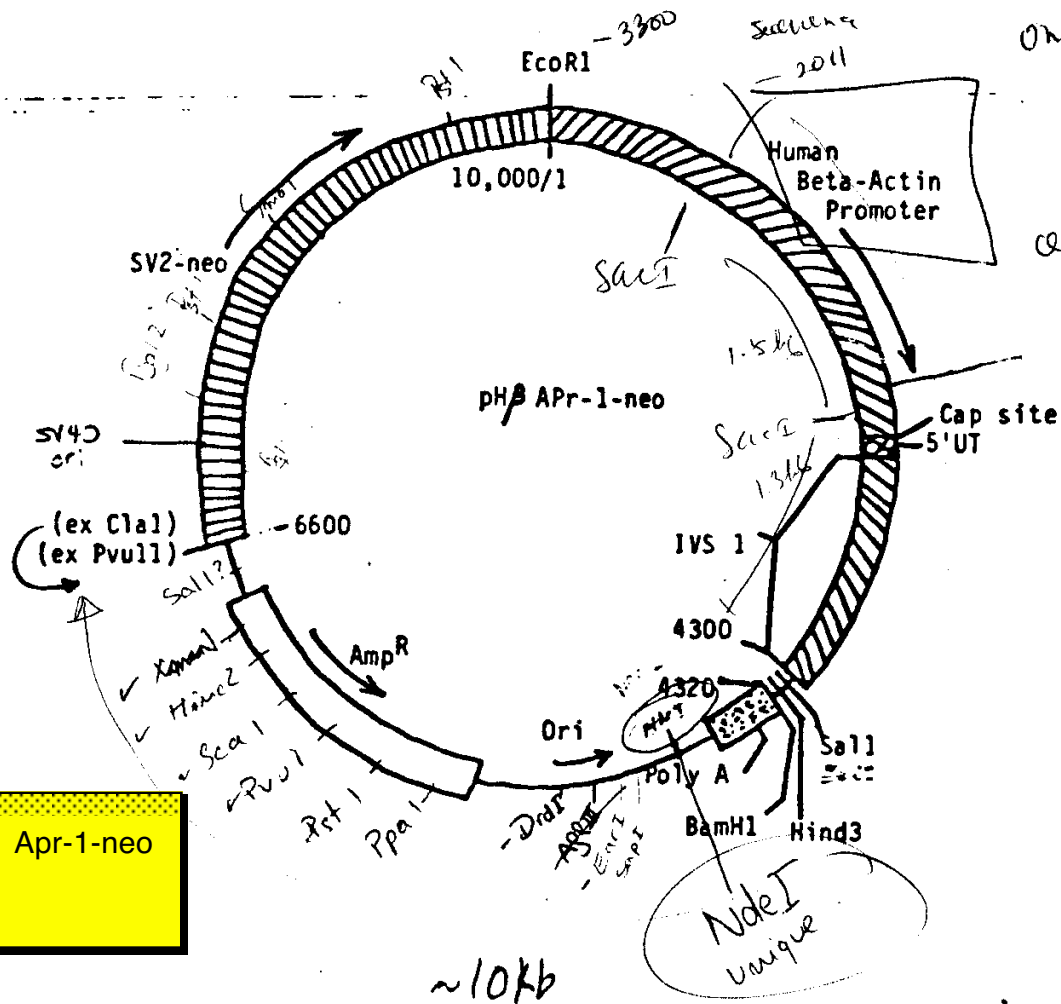
CLONE: pHB Apr-1-neo

LKF 444

VECTOR: As diagramed below. -3300 to +909

- *bp 1-4300 is the 4.3kb EcoRI-AluI fragment from the human β -actin gene isolate p14T β -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^R 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.

QD435A
 NAR 1971 (9, 673)
 Oncogene RC 268
 1984
 9: 1713-
 Mol. Rep. Dev.
 QH 481 (555)
 34, 45 (555)
 Egi / EcoRI



pHB Apr-1-neo

Reference for this plasmid

Gunning et al P., Leavitt, J., Muscat, G., Ng, S. Y & Kedes, L. (1987) A human β -actin expression vector system detects high level accumulation of antisense transcripts. Proc Natl Acad Sci USA 84, 4831-4835