

## pSEAP2-Basic Vector

Catalog No.

631715

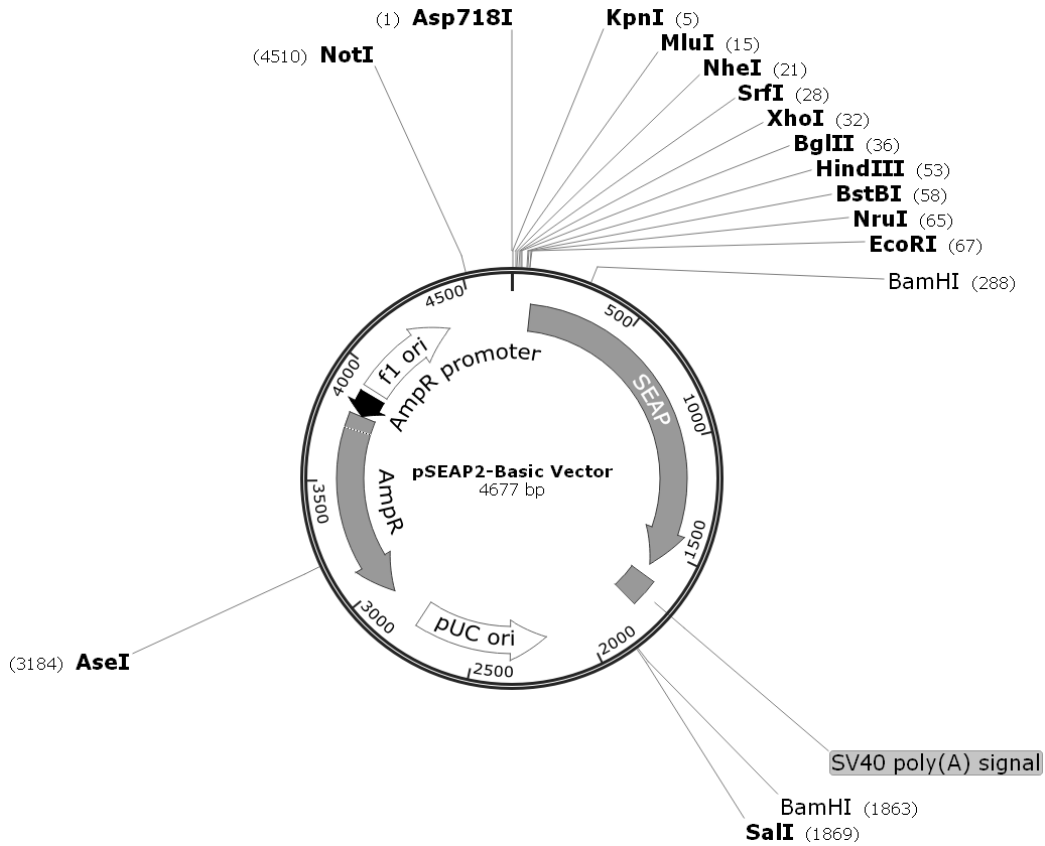


Figure 1. pSEAP2-Basic Vector map and cloning site.

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## Location of Features

- MCS (multiple cloning site): 1–72
- SEAP (secreted alkaline phosphatase from human placenta): 80–1,582
- Kozak consensus translation initiation signal: 75–82
- SV40 poly(A) signal (SV40 polyadenylation signal): 1,640–1,761
- Ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 2,180–2,768
- Amp<sup>R</sup> (ampicillin resistance gene): 2,939–3,799
- P<sub>AmpR</sub> (promoter for ampicillin resistance): 3,800–3,904
- f1 ori (f1 bacteriophage origin of replication): 3,931–4,386
- Poly(A) signal (synthetic polyadenylation signal): 4,517–4,565
- Transcription pause site from human  $\alpha 2$  globin gene (7): 4,579–4,670

### Recommended sequencing primers:

5' of MCS: 4619–4638 (5'-CTAGCAAATAGGCTGTCCC-3')

3' of MCS: 185–165 (5'-CCTCGGCTGCCTCGCGTTCC-3')

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This document has been reviewed and approved by the Quality Department.