

pCherryPicker2

Catalog No(s).

632579 (Not sold separately).
Sold as part of 632573.

Amount

20 µl pCherryPicker2 Vector (500 ng/µl)

Lot Number

Specified on product label.

pCherryPicker2 Vector Information

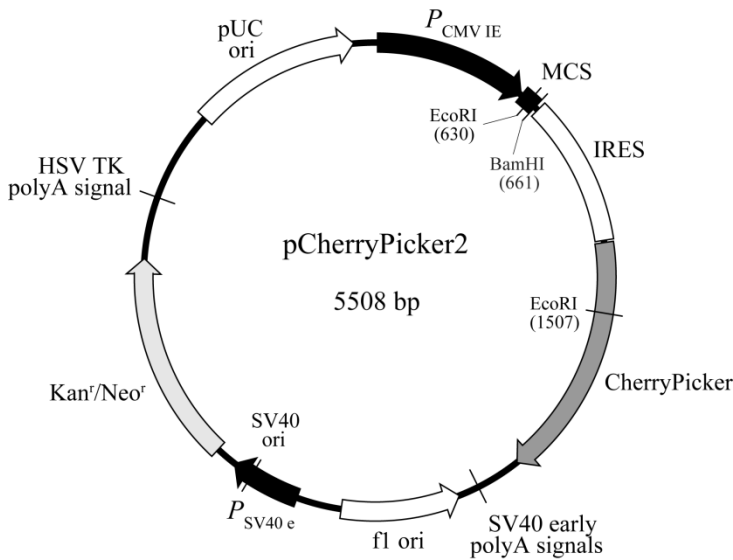


Figure 1. pCherryPicker2 vector map.

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      NheI          XhoI
      Afel          BglII  SacI
591  GCTAGCGCTA  CCGGACTCAG  ATCTCGAGCT  CAAGCTTCGA
      CGATCGCGAT  GGCCTGAGTC  TAGAGCTCGA  GTTCGAAGCT

              SmaI
              XmaI
              SacII  BamHI
631  ATTCTGCAGT  CGACGGTACC  GCGGGCCCCG  GATCCCGCC
      TAAGACGTCA  GCTGCCATGG  CGCCCGGGCC  CTAGGGCGGG
    
```

Figure 2. pCherryPicker2 multiple cloning site.

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Late update: July 12, 2011

Location of Features

- $P_{CMV\ IE}$ (human cytomegalovirus immediate early promoter): 1–589
- MCS (multiple cloning site): 591–665
- IRES (internal ribosome entry site): 667–1244
- CherryPicker (mCherry-transferrin receptor membrane-anchor domain fusion): 1242–2171
- SV40 early polyA signals: 2327–2377
- f1 origin of replication: 2424–2879 (complementary)
- $P_{SV40\ e}$ (SV40 early promoter): 3053–3321
- SV40 origin of replication: 3220–3355
- Kan^r/Neo^r (kanamycin/neomycin resistance gene): 3404–4198
- HSV TK polyA signals: 4434–4452
- pUC origin of replication: 4783–5426

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