

pEF1 α -mCherry-C1

Catalog No(s).
631972

Amount
20 μ l pEF1 α -mCherry-C1 vector (500 ng/ μ l)

Lot Number
Specified on product label.

pEF1 α -mCherry-C1 Vector Information

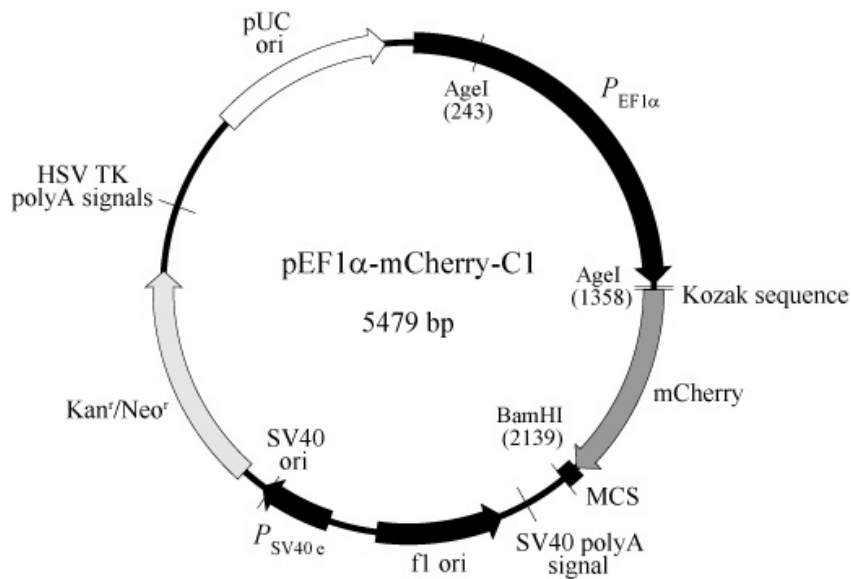


Figure 1. pEF1 α -mCherry-C1 vector map.

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2069  End of mCherry  BspEI  CTC AGA TCT CGA GCT  HindIII  EcoRI
      CTG TAC AAG TCC GGA CAA GCT TCG AAT TCT GCA

      AccI  KpnI  XmaI  BamHI
      Sall  Acc65I  SmaI
2117  GTC GAC GGT ACC GCG GGC CCG GGA TCC ACC GGA TCT AGA TAA CTG AT
    
```

Figure 2. pEF1 α -mCherry-C1 multiple cloning site.

Clontech Laboratories, Inc.

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Late update: July 12, 2011

Location of Features

- $P_{EF1\alpha}$ (human elongation factor 1 alpha promoter): 12–1346
- Kozak consensus sequence: 1363–1373
- mCherry: 1370–2077
- MCS (multiple cloning site): 2078–2143
- SV40 polyA signal: 2298–2332
- fl origin of replication: 2395–2850 (complementary)
- P_{SV40e} (SV40 early promoter and enhancer sequences): 3024–3292
- SV40 origin of replication: 3191–3329
- Kan^r/Neo^r (kanamycin/neomycin resistance gene): 3375–4169
- HSV TK polyA signals: 4405–4423
- pUC origin of replication: 4754–5397

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