## pEF1a-IRES-DsRed-Express2

Catalog No(s).
631980

Amount
$20 \mu \mathrm{pEF} 1 \alpha$-IRES-DsRed-Express 2 vector ( $500 \mathrm{ng} / \mu \mathrm{l}$ )

Lot Number
Specified on product label. -

## pEF1a-IRES-DsRed-Express2 Vector Information



Figure 1. pEF1 $\alpha$-IRES-DsRed-Express2 vector map.
1341 Nhel


Figure 2. pEF1 $\alpha$-IRES-DsRed-Express2 multiple cloning site.

## Location of Features

- $P_{\text {EFla }}$ (human elongation factor 1 alpha promoter): 12-1346
- MCS (multiple cloning site): 1348-1422
- IRES2 (internal ribosome entry site): 1423-2007
- DsRed-Express2: 2011-2685
- SV40 early polyA signal: 2841-2891
- f1 origin of replication: 2938-3393 (complementary)
- SV40 origin of replication: 3734-3869
- $P_{\text {SV40e }}$ (SV40 early promoter and enhancer sequences): 3567-3835
- $\mathrm{Kan}^{\mathrm{r}} / \mathrm{Neo}^{\mathrm{r}}$ (kanamycin/neomycin resistance gene): 3918-4712
- HSV TK polyA signals: 4948-4966
- pUC origin of replication: 5297-5940


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