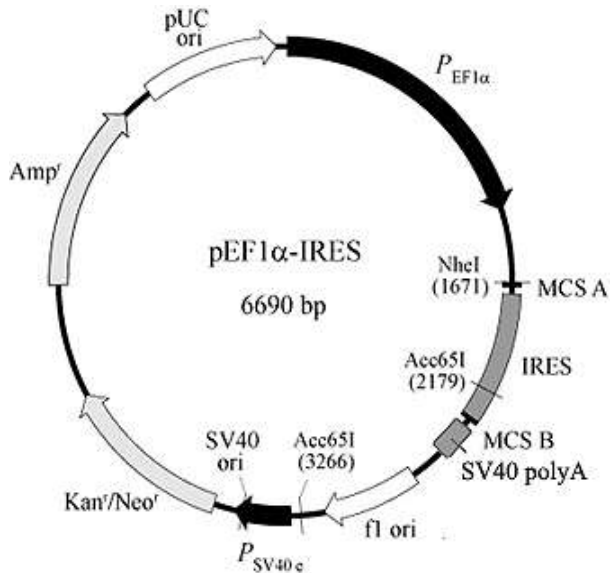


pEF1 α -IRES

Catalog No(s).

631970

pEF1 α -IRES Vector Information



MCS A

		NheI		EcoRI	MluI
1661	TCACTATAGG	CTAGCCTCGA	GAATTCACGC	GTCGAGCATG	
	AGTGATATCC	GATCGGAGCT	CTTAAGTGCG	CAGCTCGTAC	

MCS B

	XbaI	SalI		NotI
2331	CTCTAGAGTC	GACCCGGGCG	GCCGCTTCCC	
	GAGATCTCAG	CTGGGCCCGC	CGGCGAAGGG	

pEF1 α -IRES vector map and multiple cloning sites.

Clontech Laboratories, Inc.

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Location of Features

- $P_{EF1\alpha}$ (human elongation factor 1 alpha promoter): 1–1335
- MCS A (multiple cloning site A): 1670–1693
- IRES sequence: 1724–2324
- MCS B (multiple cloning site B): 2332–2355
- SV40 polyA (SV40 poly adenylation site) : 2394–2515
- f1 origin of replication: 2701–3156
- P_{SV40} (SV40 early promoter and enhancer sequences): 3314–3582
- SV40 origin of replication: 3481–3616
- Kan^r/Neo^r (kanamycin/neomycin resistance gene): 3681–4475
- Amp^r (ampicillin resistance gene; β -lactamase): 4998–5858
- pUC origin of replication: 6006–6649

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