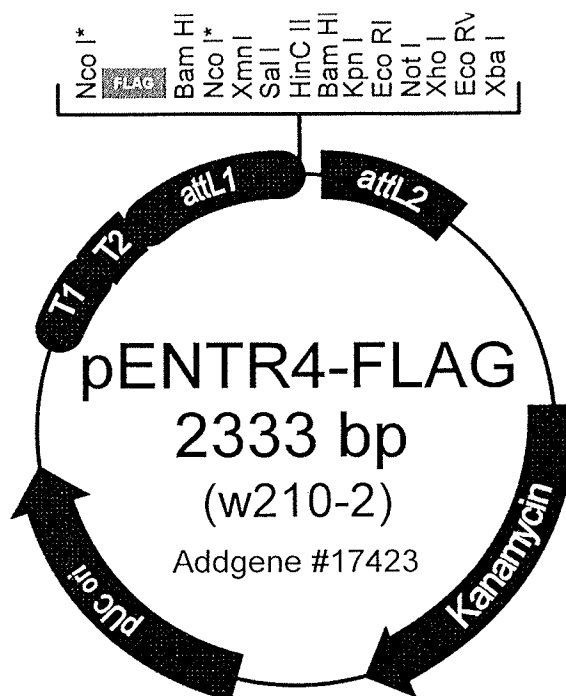




Comments for pENTR 4-FLAG
2333 nucleotides

rrrBT1 transcription termination sequence: bases 106-149

rrrBT2 transcription termination sequence: bases 281-308

att L1: bases 358-457 (complementary strand)

FLAG epitope: bases 463-489

Multiple Cloning Site: bases 493-561

attL2: bases 562-662

Kanamycin resistance gene: bases 784-1593

pUC origin: bases 1701-2330

insert hGem
into BamHI -
Xba I

Nco I*	FLAG epitope										Bam HI*	Nco I*	
ACC	ATG	GAT	TAC	AAG	GAC	GAT	GAC	GAC	AAA	CTC	GGA	TCC	ATG
Met	Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys	Leu	Gly	Ser	Met	

Xmn I					Sal I	HinC II	Bam HI*					Kpn I	EcoRI			Not I
GGA	ACC	AAT	TCA	GTC	GAC	TGG	ATC	CGG	TAC	CGA	ATT	CGC	GGC			
Gly	Thr	Asn	Ser	Val	Asp	Trp	Ile	Arg	Tyr	Arg	Ile	Arg	Gly			

Xho I				Eco RV	Xba I			
CGC	ACT	CGA	GAT	ATC	TAG	ACCAGCTTT		
Arg	Thr	Arg	Asp	Ile	*			

Recommended *E.coli* strain for propagation: TOP10F'

* Sites are not unique