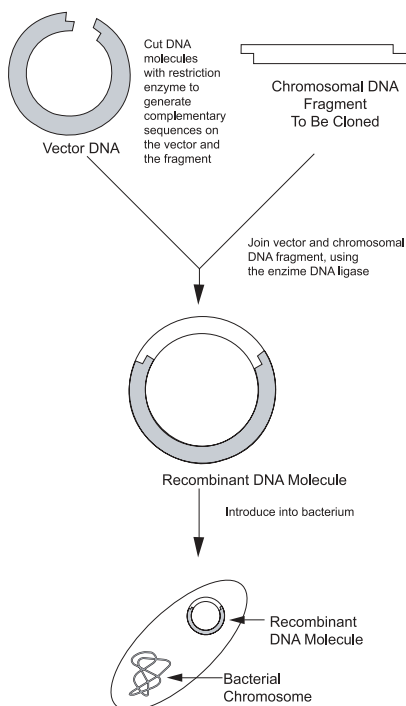


Cloning

Restriction enzymes

The terms "recombinant DNA technology," "DNA cloning," "molecular cloning," or "gene cloning" all refer to the same process: the transfer of a DNA fragment of interest from one organism to a self-replicating genetic element such as a bacterial plasmid. The DNA of interest can then be propagated in a foreign host cell. Since its introduction in the 1970s, the cloning technology has become a standard in molecular biology labs today.

Interchim provides high quality restriction enzymes, vectors and accessory reagents to perform ligation, RNA synthesis and DNA reporting.



Restriction enzymes

Product	Site (5'→3')	Cat.#	Size
Acc I	GT/MKAC	FQ4490	300 u
Acs I	R/AATY	BL1120	1000 u
Alu I	AG/CT	395150	1000 u
Apa I	GGGCC/C	U90460	1000 u
AspLE I (iso-Hha I)	GCG/C	BL1140	1000 u
AsuNH I (iso-Nhe I)	G/CTAGC	BL1150	1000 u
Bam H I	G/GATCC	380756	1000 u
Bgl I	GCCNNNN/NGGC	FR0881	2000 u
Bgl II	A/GATCT	395234	1300 u
Bsc4 I (iso-Bse I, -BsiY I, -Bse I)	CCNNNNN/NGGG	BL1170	1000 u
Bse21 I (iso-Sau I)	CC/TNAGG	BL1180	1000 u
Bsp19 I (iso-Nco I)	C/CATGG	BL1190	1000 u
BstH2 I (iso-Hae II)	RGCGC/Y	BL1200	1000 u
BstHP I (iso-Hpa I)	GTT/AAC	BL1210	1000 u
BsuR I (iso-Hae III)	GG/CC	BL1220	1000 u
Btr I	CAC/GTC	BL1230	1000 u
CciN I (iso-Not I)	GC/GGCCGC	BL1240	1000 u
Cla I	AT/CGAT	383101	1000 u
Dra I	TTT/AAA	BL1250	1000 u
EcoR I	G/AATTC	380768	1000 u
EcoR V	GAT/ATC	395260	1000 u
Erh I (iso-Sty I)	C/CWWGG	BL1260	1000 u
Fau ND I (iso-Nde I)	CA/TATG	BL1270	1000 u
Fok I	GGATG (9/13)	BL1280	1000 u
Hae III	GG/CC	971481	1000 u
Hind III	A/AGCTT	380776	1000 u
Hinf I	G/ANTC	395302	1000 u
Hpa II	C/CGG	383161	1000 u
Kpn I	GGTAC/C	383122	3500 u
Ksp22 I (iso-Bcl I)	T/GATCA	BL1290	1000 u
Kzo9 I (iso-Mbo I)	/GATC	BL1300	1000 u
Mlu I	A/CGCGT	BL1420	1000 u
Mro XI (iso-Xmn I)	GAANN/NNTTC	BL1430	1000 u
Msp I (iso-Hpa II)	C/CGG	U25191	1000 u
Nco I	C/CATGG	FQ2160	600 u
Not I	GC/GGCCGC	691435	300 u
Nru I	TCG/CGA	FQ2140	700 u
Pci I	A/CATGT	BL1440	1000 u
Psi I	TTA/TAA	BL1450	1000 u
Psp EI (iso-BstE II)	G/GTNACC	BL1460	1000 u
Psp124B I (iso-Sac I)	GAGCT/C	383170	1000 u
Pst I	CTGCA/G	383092	8000 u
Pvu II	CAG/CTG	395351	4500 u
Rsa I	GT/AC	FR0961	1000 u
Sal I	G/TCGAC	383153	1000 u
Sbf I	CCTGCA/GG	BL1480	1000 u
SfaN I	GCATCN _n /NNNN	BL1490	1000 u
Sfi I	GGCCN _n /NGGCC	FQ2205	1000 u
Sfr303 I (iso-Sac II)	CCGC/GG	BL1510	1000 u
Sma I	CCC/GGG	383145	1000 u
Sph I	GCATG/C	395390	250 u
Ssp I	AAT/ATT	FQ2170	600 u
Taq I	T/CGA	395403	4500 u
Tru9 I (iso-Mse I)	T/TAA	BL1530	1000 u
Xba I	T/CTAGA	383116	1000 u
Xho I	C/TCGAG	395420	1000 u
Xma I	C/CCGGG	BL1560	1000 u
Zsp2I (iso-EcoT22I, -Mph1103I, -NsiI)	ATGCA/T	BL1750	1000 u

Single Letter Code:

R = A or G, Y = C or T, M = A or C, K = G or T, S = C or G, W = A or T, H = A or C or T, B = C or G or T, V = A or C or G, D = A or G or T, N = A or C or G or T