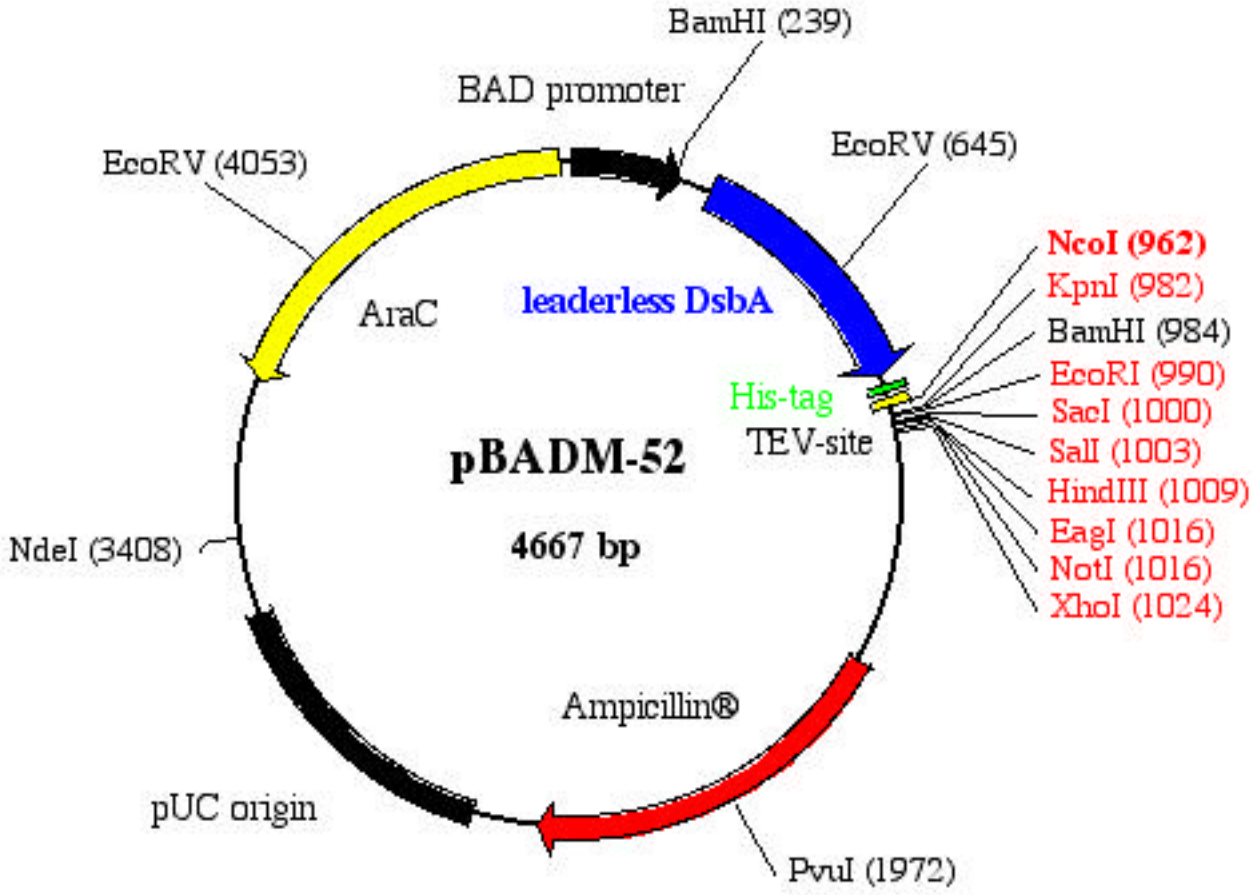
EMBL Protein Expression and Purification Facility



pBADM-52

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                                                                  RBS
ACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTGGGCTAACAGGAGG
TGCGAAAAATAGCGTTGAGAGATGACAAAGAGGTATGGGCAAAAAACCCGATTGTCCTCC


AATTAACCATGAAAGCGCAGTATGAAGATGGTAAA.......528bp.......TACTTA
TTAATTGGTACTTTCGCGTCATACTTCTACCATTT..leaderless DsbA..ATGAAT
        METLysAlaGlnTyrGluAspGlyLys.......176aa.......TyrLeu

                                          His-tag
AGCGAGAAAAAAGGATCAACTAGTGGTTCTGGTCATCACCATCACCATCACTCCGCGGGT
TCGCTCTTTTTTCCTAGTTGATCACCAAGACCAGTAGTGGTAGTGGTAGTGAGGCGCCCA

               TEV-site  NcoI            KpnI        EcoRI SacI
GAGAATCTTTATTTTCAG GGCGCCATGGCTGGCAAGGCGGTACCGGATCCGAATTCGAGC
CTCTTAGAAATAAAAGTC CCGCGGTACCGACCGTTCCGCCATGGCCTAGGCTTAAGCTCG
GluAsnLeuTyrPheGln|GlyAlaMETAlaGlyLysAlaValProAspProAsnSerSer

                  NotI
                  EagI
    SalI HindIII         XhoI
TCCGTCGACAAGCTTGCGGCCGCACTCGAGAGCTTGGCTGTTTTGGCGGATGAGAGAAGA
AGGCAGCTGTTCGAACGCCGGCGTGAGCTCTCGAACCGACAAAACCGCCTACTCTCTTCT
SerValAspLysLeuAlaAlaAlaLeuGluSerLeuAlaValLeuAlaAspGluArgArg
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Single Cutters Listed by Site Order

97	BsmI	935	SacII	1003	SalI	2166	VspI
135	MluI	935	SstII	1009	HindIII	2223	BglI
377	AscI	959	NarI	1016	EagI	2341	Eam1105I
534	BglII	960	EheI	1016	NotI	2820	AlwNI
584	Bsc91I	962	BbeI	1016	XmaIII	3408	NdeI
584	BbvII	962	NcoI	1016	Eco52I	3485	Tth111I
658	BspMI	978	Asp718I	1024	XhoI	3674	SphI
731	Bpu1102I	978	Acc65I	1026	SciI	3676	NsiI
731	EspI	982	KpnI	1186	RleAI	4375	NruI
750	PstI	990	EcoRI	1860	ScaI	4375	SpoI
789	HpaI	998	Ecl136II	1972	PvuI	4382	AccIII
834	BstXI	998	EcoICRI	1972	XorII	4382	BspMII
898	SpeI	1000	SstI	2118	MstI	4587	PflMI
933	Mlu113I	1000	SacI				

Non Cutting Enzymes

AatII	ApaI	AsuII	AvrII	BalI	BclI
Bsp1407I	Bsu36I	ClaI	Csp45I	CspI	CvnI
DraIII	Eco47III	Eco56I	Eco72I	EcoNI	FseI
I-PpoI	MscI	MstII	NaeI	NheI	PacI
PmaCI	PmeI	SauI	SfiI	SgrAI	SmaI
SnaBI	SplI	SrfI	StuI	SunI	SwaI
XbaI	XcmI	XmaI			