Choose Your Competent Cells With Confidence

Difficult Cloning Competent Cells*

Large or Ligated DNA

200314 200315	XL10-Gold Ultracompetent	≥5 x 10^9
200317	XL10-Gold Kan^r Ultracompetent	≥5 x 10^9
200159	ElectroTen-Blue Electroporation	≥3 x 10^{10}

Unstable Cloning

200152	SURE 2 Supercompetent	≥1 x 10^9
200238	SURE	≥5 x 10^8
200227	SURE Electroporation	≥1 x 10^{10}

Toxic Cloning

4-Fold Reduction of Copy Number

200171	ABLE C	5 x 10^6 - 2 x 10^7
200161	ABLE C Electroporation	≥5 x 10^9

10-Fold Reduction of Copy Number

200172	ABLE K	5 x 10^6 - 2 x 10^7
200162	ABLE K Electroporation	≥5 x 10^9

Genomic DNA or Methylated cDNA

200151	XL2-Blue MRF′ Ultracompetent	≥5 x 10^9
200230	XL1-Blue MRF′ Supercompetent	≥1 x 10^9
200248	XL1-Blue MRF′ Kan^r Supercompetent	≥1 x 10^9
200138	XL1-Blue MRF′ Kan^r Library Pack	≥1 x 10^9
200158	XL1-Blue MRF′ Electroporation	≥1 x 10^{10}
200229	XL1-Blue MR Supercompetent	≥1 x 10^9

Phage Display

200123	TG1 Electroporation	≥1 x 10^{10}

Difficult Cloning Pack

230247	XL10-Gold Kan^r Ultracompetent SURE 2 Supercompetent ABLE K

ABLE Kit

200170	ABLE C ABLE K

ABLE Electroporation Kit

200160	ABLE C Electroporation ABLE K Electroporation

*Efficiency = cfu/µg pUC18

General Cloning Competent Cells*

Routine Cloning

200150	XL2-Blue Ultracompetent	≥5 x 10^9
200236	XL1-Blue Supercompetent	≥1 x 10^9
200228	XL1-Blue Electroporation	≥1 x 10^{10}
200249	XL1-Blue	≥1 x 10^8
200130	XL1-Blue Subcloning Grade	≥1 x 10^6

Conveniently Packaged

230350	SoloPack Gold Supercompetent	≥1 x 10^9
230325	SoloPack Gold	≥1 x 10^8
200324	96Pack Gold	≥1 x 10^8

Generate Unmethylated DNA

200247	SCS110	≥5 x 10^6
200239	JM110	≥5 x 10^6

Random Mutagenesis

200129	XL1-Red	≥1 x 10^6

Classic Strains

200231	SCS1 Supercompetent	≥1 x 10^9
200232	AG1	≥1 x 10^8
200233	NM522	≥1 x 10^8
200234	JM101	≥1 x 10^8
200235	JM109	≥1 x 10^8

Difficult Cloning Pack

230248	XL2-Blue Ultracompetent XL2-Blue MRF′ Ultracompetent SoloPack Gold

*Efficiency = cfu/µg pUC18

Protein Expression Competent Cells*

General Protein Expression

230132	BL21-Gold (DE3)	≥1 x 10^8
200131	BL21 (DE3)	≥1 x 10^6

Codon Bias

Universal Strain

230280	BL21-CodonPlus (DE3)-RIPL	≥1 x 10^6

High GC Content

230255	BL21-CodonPlus (DE3)-RP	≥1 x 10^7
230275	BL21-CodonPlus (DE3)-RP-X	≥1 x 10^7
230250	BL21-CodonPlus-RP	≥1 x 10^7

High AT Content

230245	BL21-CodonPlus (DE3)-RIL	≥1 x 10^7
230265	BL21-CodonPlus (DE3)-RIL-X	≥1 x 10^7
230240	BL21-CodonPlus-RIL	≥1 x 10^7

Toxic Proteins

230134	BL21-Gold (DE3) pLysS	≥1 x 10^8
200132	BL21 (DE3) pLysS	≥1 x 10^6
230130	BL21-Gold	≥1 x 10^8
200133	BL21	≥1 x 10^6

Solubility & Codon Bias

230193	ArcticExpress (DE3)-RIL	≥5 x 10^6
230194	ArcticExpress (DE3)-RP	≥5 x 10^6
230195	ArcticExpress RIL	≥5 x 10^6
230196	ArcticExpress RP	≥5 x 10^6

Solubility

230191	ArcticExpress	≥5 x 10^6
230192	ArcticExpress (DE3)	≥5 x 10^6

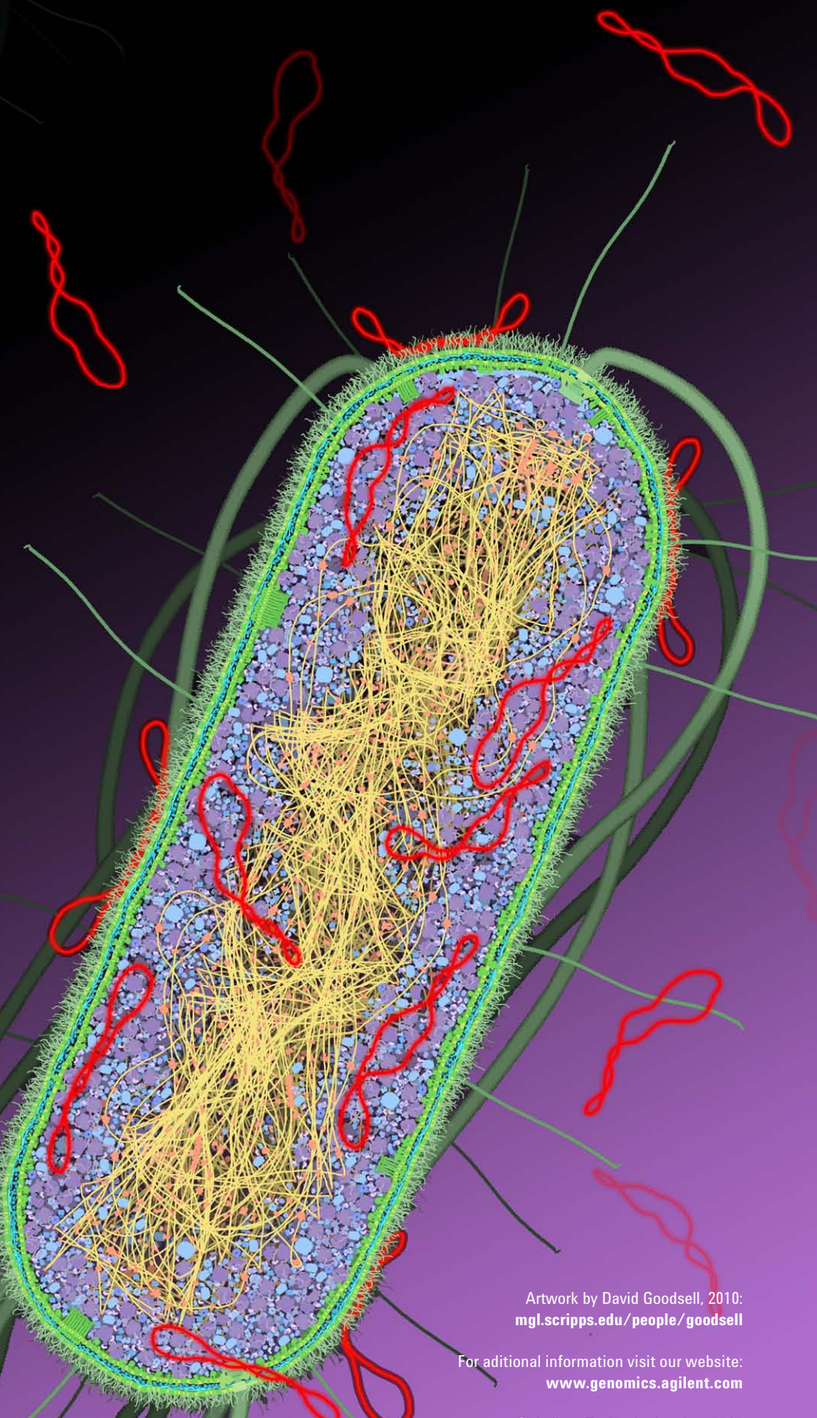
Generate Phosphorylated Proteins

200124	TKX1	≥5 x 10^7
200134	TKB1	≥5 x 10^5

Protein Expression Pack

230246	BL21 (DE3) BL21-Gold (DE3) BL21-CodonPlus (DE3)-RIPL BL21-Gold (DE3) pLysS

*Efficiency = cfu/µg pUC18



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