



E.coli SS320

Summary

Code	P012
Strains Resistance	Tet
Culture Medium	LB
Condition	37 C ,under the aerobic conditions
Genotype	hsdR mcrB araD139 Δ(araABC-leu)7679ΔlacX74 galUgalK rpsL thi[F' proAB+lacIqlacZΔM15 Tn10 (tetr)]

Description

The E. coli strain SS320 is a non-amber suppressor strain (sometimes called MC1061F') prepared as high transformation efficiency ($\geq 1 \times 10^9$ cfu/ μ g) chemically competent cells for phage display library screening. The SS320 strain harbors an episome that contains the F' pilus that is required for bacteriophage entry to allow amplification of phage libraries. This episome also contains the tetracycline resistance gene, so cells should be grown in the presence of tetracycline to maintain the F' pilus. E. coli strain SS320 are suitable for protein expression, general cloning, blue/white screening, M13 phage work and phage display protein expression.

Related products

Product name	Size	Cat#
pComb3Xss	10 μ g	P001
pComb3XTT	10 μ g	P002
pComb3XLambda	10 μ g	P003
pComb8	10 μ g	P004
pCANTAB5E	10 μ g	P005
Helper phage M13K07	1mL	P006
Helper phage VCSM13	1mL	P007
E.coli TG1	1mL	P008
E.coli ER2738	1mL	P009
E.coli XL1-blue	1mL	P010
E.coli SS320	1mL	P012
E.coli TOP10 F'	1mL	P016

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