



CHEMICALLY COMPETENT CELLS

Special design, greatly increased cell permeability, transformation efficiency up to 10^9 cfu/ μ g

🚩 Cloning Competent Cells

- 📌 **Trans1-T1 Phage Chemically Competent Cell**
 - >> Fastest-growing cloning competent cell
 - >> Alternative to traditional DH5a
 - >> Clones observed in 8-9 hours growth
 - >> Plasmid mini-prep can be performed after 4-5 hours growth
 - >> Accelerate experimental procedure
- 📌 **Trans110 Chemically Competent Cell**
 - >> Str^R
 - >> Unmethylated DNA due to dam⁻/dcm⁻
 - >> Resulting plasmid DNA can be cleaved by dam and dcm methylation-sensitive restriction enzymes
 - >> Suitable for plasmid DNA transformation
- 📌 **Trans10 Chemically Competent Cell**
 - >> Toxic gene cloning and stable replication of plasmid DNA
- 📌 **Trans109 Chemically Competent Cell**
 - >> The lowest homologous recombination favorable for plasmid DNA preparation
- 📌 **Trans5a Chemically Competent Cell**
 - >> Commonly used cloning competent cell

🚩 Expression Competent Cells

- 📌 **BL21(DE3) Chemically Competent Cell**
 - >> Suitable for high expression of non-toxic protein
- 📌 **BL21 Chemically Competent Cell**
 - >> High expression level of toxic protein
- 📌 **Trans1-Blue Chemically Competent Cell**
 - >> Tet^R
 - >> Transformation of unmethylated plasmid DNA
- 📌 **DMT Chemically Competent Cell**
 - >> *In vivo* digestion of methylated DNA, suitable for site-directed mutagenesis
- 📌 **Trans2-Blue Chemically Competent Cell**
 - >> Tet^R and Cam^R
 - >> Suitable for larger plasmid and recombinant product transformation
 - >> Used for library construction
- 📌 **TransStbl3 Chemically Competent Cell**
 - >> Str^R
 - >> Suitable for lentivirus and retrovirus vector replication
 - >> Minimize the error recombination
- 📌 **TransDB3.1 Chemically Competent Cell**
 - >> High transformation efficiency: $>10^9$ cfu/ μ g (pUC19 DNA).
 - >> Transformation and propagation of plasmids containing the ccdB gene.
 - >> Resistance to streptomycin sulfate.
- 📌 **BL21(DE3)pLysS Chemically Competent Cell**
 - >> Suitable for non-toxic and toxic protein's expression, low background
 - >> Contains pLysS plasmid, Cam^R

Limited free samples are available, welcome to place sample order first.

Transetta(DE3) Chemically Competent Cell

>> tRNAs for 6 rare codons AUA, AGG, AGA, CUA, CCC, GGA. Enhance the expression level of proteins in the prokaryotic system

TransB(DE3) Chemically Competent Cell

>> Thioredoxin reductase (trxB) and glutathione reductase (gor) mutation greatly facilitates cytoplasmic disulfide bond formation

Product Name	Product Name	Cat. No.	Specification
Cloning Competent Cells	Trans10 Chemically Competent Cell	CD101-01	10×100 μl
		CD101-02	20×100 μl
	Trans5a Chemically Competent Cell	CD201-01	10×100 μl
		CD201-02	20×100 μl
	Trans109 Chemically Competent Cell	CD301-02	10×100 μl
		CD301-03	20×100 μl
	Trans110 Chemically Competent Cell	CD311-02	10×100 μl
	Trans1-Blue Chemically Competent Cell	CD401-02	10×100 μl
		CD401-03	20×100 μl
	Trans2-Blue Chemically Competent Cell	CD411-02	10×100 μl
		CD411-03	20×100 μl
	Trans1-T1 Phage Chemically Comptent Cell	CD501-01	5×100 μl
		CD501-02	10×100 μl
CD501-03		20×100 μl	
DMT Chemically Competent Cell	CD511-01	10×50 μl	
	CD511-02	20×50 μl	
TransStbl3 Chemically Competent Cell	CD521-01	10×100 μl	
	CD521-02	20×100 μl	
TransDB3.1 Chemically Competent Cell	CD531-01	10×100 μl	
Expression Competent Cells	BL21 (DE3) Chemically Competent Cell	CD601-02	10×100 μl
		CD601-03	20×100 μl
	BL21 (DE3) pLysS Chemically Competent Cell	CD701-02	10×100 μl
		CD701-03	20×100 μl
	Transetta(DE3) Chemically Competent Cell	CD801-02	10×100 μl
		CD801-03	20×100 μl
	TransB(DE3) Chemically Comptent Cell	CD811-02	10×100 μl
BL21 Chemically Competent Cell	CD901-02	10×100 μl	
	CD901-03	20×100 μl	

Tips

Chemically competent cells are stored at -70°C for six months.

Notes

Further details can be found in the customer contact below. For any questions, please contact with us by WeChat or call Customer Service at +86-10-57815027/57815087 or contact with our distributors.



About us

- ▶ We provide high quality products for life science.
- ▶ We provide simple and efficient methods.
- ▶ We provide new concept for scientific research.

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