



69451 BL21(DE3)pLysS Competent Cells

Novagen®

For general questions please contact our
Customer Service:

EMD Millipore
290 Concord Road
01821 Billerica, MA
United States

Phone: 781 533-6000
Fax: 800-645-5439

E-mail:
Customer.CareDesk@emdchemicals.com

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Product number	Qty/Pk	Price	Delivery Date
		Please login to see your account specific pricing.	
69451-3	0.4 ml	USD 103.00	
69451-4	1 ml	USD 189.00	

Prices are subject to change without notice.

BL21 strains are the most widely used hosts for protein expression from pET recombinants and have the advantage of being deficient in both lon and ompT proteases.

DE3 indicates that the host is a lysogen of λ DE3, and therefore carries a chromosomal copy of the T7 RNA polymerase gene under control of the lacUV5 promoter. Such strains are suitable for production of protein from target genes cloned in pET vectors by induction with IPTG.

pLysS strains express T7 lysozyme, which further suppresses basal expression of T7 RNA polymerase prior to induction, thus stabilizing pET recombinants encoding target proteins that affect cell growth and viability. Genotype: F⁻ ompT hsdS_B(r_B⁻ m_B⁻) gal dcm (DE3) pLysS (Cam^R)

Related products

69449	BL21 Competent Cells
69450	BL21(DE3) Competent Cells
70232	BL21 Competent Cell Set

Product information

Avoid freeze/thaw	Yes			
Components		0.4 ml	1 ml	Component
	•	2 × 0.2 ml	5 × 0.2 ml	BL21(DE3)pLysS Competent Cells
	•	2 × 2 ml	4 × 2 ml	SOC Medium
	•	2 ng	2 ng	Test Plasmid
Guaranteed efficiency	> 2 × 10 ⁷ cfu/μg			

Store and ship information

Storage	≤ -70°C
Ship	Dry Ice Only Multiple Toxicity Values, refer to MSDS
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