



# NEB's Competent Cells for Your Protein Expression

NEB also offers a wide selection of competent cell strains ideal for expression of a variety of proteins. Proteins with multiple disulfide bonds are correctly oxidized to significantly higher yields with SHuffle® strains. Tunable T7 expression is achieved with Lemo21(DE3), an ideal strain for difficult targets including membrane proteins. NiCo21(DE3) is designed for the expression and purification of His-tagged proteins. NEB Express and T7 Express are offered with varying levels of control. Only NEB offers exceptional control of T7 expression by the *lysY* gene, which is ideal for proteins that are difficult to express or toxic to the cell. Each strain is provided with a protocol for optimal expression.

NOW AVAILABLE AT MEDSTORE

## ADVANTAGES

- T1 phage resistance (*thiA2*)
- Convenient formats available
- Bulk sales capabilities with custom packaging formats
- Free of animal products
- Deficient in proteases Lon/OmpT
- Do not restrict methylated DNA

## ORDERING INFORMATION

NEB #	Strain	Characteristics	Size	List Price	DISCOUNTED PRICE
C2530H	<b>BL21 Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Routine expression for non-T7 Vectors</li> <li>• Protease deficient</li> </ul>	20 x 0.05 ml	<del>\$297</del>	<b>\$207.90</b>
C2527H/I	<b>BL21(DE3) Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Routine T7 Expression</li> <li>• Protease deficient</li> </ul>	20 x 0.05 ml/ 6 x 0.2 ml	<del>\$297/\$223</del>	<b>\$156.10/\$207.90</b>
C2523H/I	<b>NEB Express Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Versatile non-T7 expression strain</li> <li>• Protease deficient</li> </ul>	20 x 0.05 ml/ 6 x 0.2 ml	<del>\$297/\$223</del>	<b>\$156.10/\$207.90</b>
C3037I	<b>NEB Express I<sup>q</sup> Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Control of IPTG induced expression from <i>P<sub>lac</sub></i>, <i>P<sub>bc</sub></i> and <i>P<sub>trc</sub></i></li> <li>• Protease deficient</li> </ul>	6 x 0.2 ml	<del>\$252</del>	<b>\$176.40</b>
C2566H/I	<b>T7 Express Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Most popular T7 expression strain</li> <li>• Protease deficient</li> </ul>	20 x 0.05 ml/ 6 x 0.2 ml	<del>\$297/\$223</del>	<b>\$156.10/\$207.90</b>
C3010I	<b>T7 Express <i>lysY</i> Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• T7 expression</li> <li>• Protease deficient</li> <li>• Better reduction of basal expression</li> </ul>	6 x 0.2 ml	<del>\$252</del>	<b>\$176.40</b>
C3013I	<b>T7 Express <i>lysY/I<sup>q</sup></i> Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• T7 expression</li> <li>• Protease deficient</li> <li>• Highest level of expression control</li> </ul>	6 x 0.2 ml	<del>\$252</del>	<b>\$176.40</b>
C3028J	<b>SHuffle Express Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Enhanced capacity to correctly fold proteins with multiple disulfide bonds in the cytoplasm</li> <li>• Protease deficient/B strain</li> </ul>	12 x 0.05 ml	<del>\$330</del>	<b>\$231</b>
C3029J	<b>SHuffle T7 Express Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Enhanced capacity to correctly fold proteins with multiple disulfide bonds in the cytoplasm</li> <li>• T7 expression</li> <li>• Protease deficient/B strain</li> </ul>	12 x 0.05 ml	<del>\$330</del>	<b>\$231</b>
C3030J	<b>SHuffle T7 Express <i>lysY</i> Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• T7 expression</li> <li>• Protease deficient/B strain</li> <li>• Tightly controlled expression of toxic proteins</li> <li>• Enhanced capacity to correctly fold proteins with multiple disulfide bonds in the cytoplasm</li> </ul>	12 x 0.05 ml	<del>\$330</del>	<b>\$231</b>
C3026J	<b>SHuffle T7 Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Enhanced capacity to correctly fold proteins with multiple disulfide bonds in the cytoplasm</li> <li>• T7 expression/K12 strain</li> </ul>	12 x 0.05 ml	<del>\$330</del>	<b>\$231</b>
C2528J	<b>Lemo21(DE3) Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Tunable T7 Expression for difficult targets</li> <li>• Protease deficient</li> </ul>	12 x 0.05 ml	<del>\$330</del>	<b>\$231</b>
C2529H	<b>NiCo21(DE3) Competent <i>E. coli</i></b>	<ul style="list-style-type: none"> <li>• Expression and purification of His-tagged proteins</li> <li>• Protease deficient</li> </ul>	20 x 0.05 ml	<del>\$532</del>	<b>\$372.40</b>

\*TERMS & CONDITIONS: Offer valid in Canada only. Expires March 31<sup>st</sup>, 2020. Discount is eligible for products listed on this flyer. Promotion not valid for cash or cash equivalent towards purchase(s). No substitutions. Offer may not be applied to existing, pending or prior orders. Cannot be combined with any other promotion or discount. One or more of these products are covered by patents, trademarks and/or copyrights owned or controlled by New England Biolabs, Inc. For more information, please email us at [orders.ca@neb.com](mailto:orders.ca@neb.com)

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