Rosetta™ Host Strains

Rosetta host strains are BL21 derivatives designed to enhance the expression of eukaryotic proteins that contain codons rarely used in *E. coli*. These strains supply tRNA genes for AGG, AGA, AUA, CUA, CCC, GGA on a Col-E1 compatible chloramphenicol-resistant plasmid. Thus the Rosetta strains provide for "universal" translation which is otherwise limited by the codon usage of *E. coli*. Transcription of the tRNA genes is driven by their native promoters. In Rosetta(DE3)pLysS and Rosetta(DE3)pLacI, the rare tRNA genes are present on the same plasmids that carry the T7 lysozyme and *lac* repressor genes, respectively.

**Store**
- Deep freeze (-70°C)

**Ship**
- Dry ice

Note: Store and Ship conditions may differ.

Please select your country to display pricing:

<table>
<thead>
<tr>
<th>Cat. Name</th>
<th>Cat. No.</th>
<th>Product Details</th>
<th>Size</th>
<th>In Stock</th>
<th>Select Country Above For Pricing Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosetta™(DE3)pLysS Competent Cells</td>
<td>70956-3</td>
<td>Description</td>
<td>0.4ml</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Rosetta™(DE3)pLysS Competent Cells</td>
<td>70956-4</td>
<td>Description</td>
<td>1 ml</td>
<td>Y</td>
<td>$134</td>
</tr>
<tr>
<td>Rosetta™(DE3) Competent Cells</td>
<td>70954-3</td>
<td>Description</td>
<td>0.4 ml</td>
<td>Y</td>
<td>$73</td>
</tr>
<tr>
<td>Rosetta™(DE3) Competent Cells</td>
<td>70954-4</td>
<td>Description</td>
<td>1 ml</td>
<td>Y</td>
<td>$134</td>
</tr>
</tbody>
</table>

*NOTE: In Stock status is based on item availability worldwide.

Related Products:
- 69041: B834(DE3) Competent Cells
- 69042: B834(DE3)pLysS Competent Cells
- 69053: BLR(DE3) Competent Cells
- 69284: NovaBlue(DE3) Competent Cells
- 69453: HMS174(DE3) Competent Cells
- 69454: HMS174(DE3)pLysS Competent Cells
- 69956: BLR(DE3)pLysS Competent Cells
- 70627: Origami™(DE3) Competent Cells
- 70837: Origami™ B(DE3) Competent Cells
- 70839: Origami™ B(DE3)pLysS Competent Cells
- 70954: Rosetta™(DE3) Competent Cells
- 70956: Rosetta™(DE3)pLysS Competent Cells
- 71034: RosettaBlue™(DE3)pLysS Competent Cells
- 71055: Rosetta-gami™(DE3) Competent Cells
- 71057: Rosetta-gami™(DE3)pLysS Competent Cells
71059: RosettaBlue™(DE3) Competent Cells

Related Literature:

- Competent Cells Brochure
- pET Poster

Material Safety Data Sheets:

- 70956: Rosetta™(DE3)pLysS Competent Cells - English
- Bulgarian
- Church
- Dutch
- Finnish
- French
- German
- Greek
- Hungarian
- Italian
- Korean
- Norwegian
- Polish
- Portuguese
- Spanish
- Swedish

Related Categories:

- Transformation/Transfection » Competent Cells » pET Host Strain Competent Cells
- Transformation/Transfection » pET Expression Strains (Competent Cells and Glycerol Stocks) » Rosetta™ Host Strains

Selected Citations:


...see all selected citations...

©2006 Calbiochem, Clinalfa, Novabiochem, & Novagen are brands of EMD Biosciences, Inc, an Affiliate of Merck KGaA, Darmstadt, Germany.