



2019 NEB Passion in Science Awards

Back in 2014, NEB introduced its Passion in Science Awards, to recognize those within the scientific community working to solve many of today's challenges. This was our chance to recognize the accomplishments of the "unsung heroes" of the laboratory, who are dedicated to their cause. We are pleased to have offered the Passion in Science Awards again in 2016 and 2019.

On May 1st, NEB hosted 12 inspiring individuals from around the world who made a profound impact on other fields.

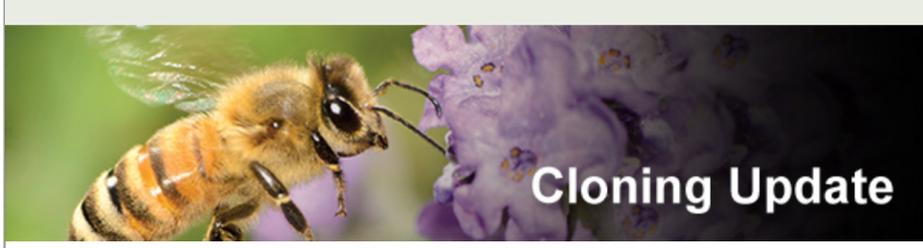
Award categories include:

- Arts and Creativity
- Humanitarian Duty
- Environmental Stewardship
- Scientific Mentorship and Advocacy



[Learn More About the Winners](#)

[View Video of Awards Event](#)



Cloning Update

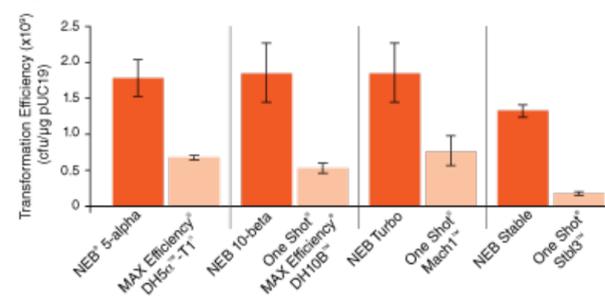
Choose NEB's competent cells for cloning

Did you know that NEB developed our line of competent cells after using them for our own research laboratories for decades? The same high quality, high competent cells that we have been using for many years are also available to you in a variety of strains and formats. Think of NEB first when it comes to choosing your competent cells for cloning.

Advantages:

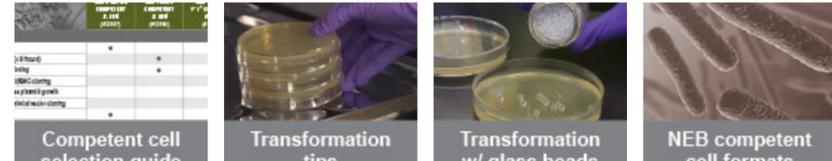
- High transformation efficiencies
- Compatible with [NEBuilder HiFi DNA Assembly](#) and [Gibson Assembly](#) reactions, as well as ligation reactions. No dilution required!
- Strains also available for cloning of toxic genes
- All cloning strains are free of animal products and are T1 phage resistant and *endA* resistant
- Outgrowth medium and control plasmid are included
- Choose from a variety of convenient formats, including single-use tubes
- Bulk formats and custom packaging are also available
- Take advantage of value pricing and no dry ice charges

Benefit from high transformation efficiencies



Transformation efficiencies were compared using manufacturers' recommended protocols. Values shown are the average of triplicate experiments.

Helpful tools and resources:



[Learn More](#)

Currently using calls from another company?

Try our Competitor Cross Reference Tool to find NEB's equivalent product

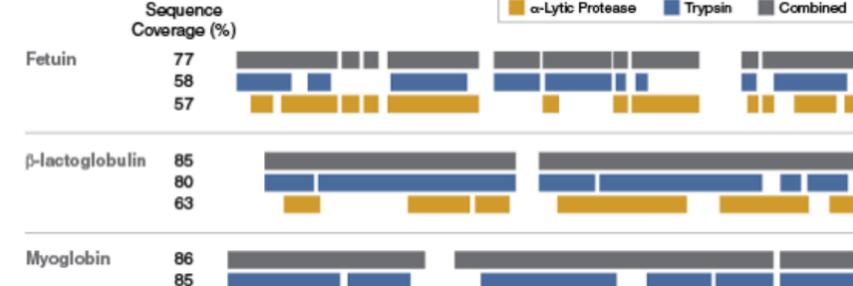


New product:

α-Lytic Protease

α-Lytic Protease (aLP) cleaves after Threonine (T), Alanine (A), Serine (S) and Valine (V) residues. Its specificity makes it an orthogonal and alternative protease to others commonly used in proteomics applications, including [trypsin](#) and [chymotrypsin](#). Peptides generated by aLP are of similar average length to those of trypsin.

α-Lytic Protease can be used alone or in combination with other proteases to yield increased sequence coverage.



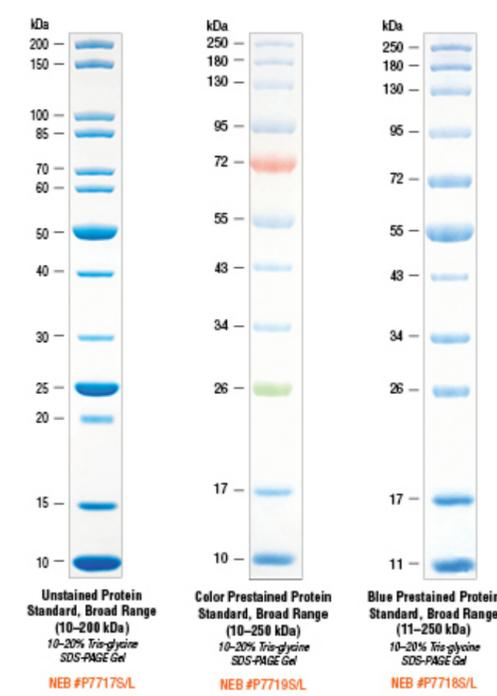
Comparison of sequence coverage for three protein standards after parallel digestion using Trypsin (blue) and α-Lytic Protease (gold). The combined data set (grey) results in overlapping peptides and increased sequence coverage.

[Learn More](#)

Featured products:

Protein Standards

New England Biolabs offers a selection of highly pure protein standards. Sizes range from 10 to 250 kDa, which is ideal for accurate molecular weight determination for a wide range of expressed proteins. We offer a blue prestained protein standard, as well as a colored prestained protein standard with multi-colored bands for easy identification. Standards are provided pre-mixed with loading buffer and reducing agent.



[Request a sample](#) of our Color Prestained Protein Standard, Broad Range here, or contact your [local distributor](#).