

Dear Valued Customer:

As a result of last year's acquisition of Finnzymes by Thermo Fisher Scientific, there continues to be some confusion as to which life science companies have the rights to manufacture and sell Phusion<sup>®</sup> DNA Polymerase. To help clarify the situation, New England Biolabs has put together the attached list of "Frequently Asked Questions". We encourage you to forward these on to any of your colleagues, who have any similar questions.

In summary, however, the situation is as follows:

- New England Biolabs is currently supplying and will continue to supply Phusion High-Fidelity DNA Polymerase, both as a stand-alone enzyme with accompanying buffer, and in a number of master mix formulations. NEB will also include Phusion DNA polymerase in various kits, including the NEBNext<sup>™</sup> range of products.
- It is important to note that the Phusion High-Fidelity DNA Polymerase products available from NEB, all have new catalog numbers. This reflects the fact that they are now manufactured by NEB. However, other than this, they are the same products, produced from the same biological starting materials and to the same specifications as the Finnzymes/Thermo Scientific products. As we state on the NEB website "Phusion DNA Polymerase was developed by Finnzymes Oy, now a part of Thermo Fisher Scientific. This product is [now] manufactured by New England Biolabs, Inc. under agreement with, and under the performance specifications of Thermo Fisher Scientific." We have also carried out extensive quality testing to ensure that there are no differences between the two sources of enzyme.

We appreciate that this change to these now NEB manufactured reagents may be confusing and apologize if it has caused you any inconvenience. However, should you have any questions or be receiving any information that differs from the above, please do not hesitate to contact NEB directly or through your local member of our global network.

Very truly yours,



Dr. Peter D. Nathan  
Director of Global Business Development

## Phusion<sup>®</sup> Products from NEB

### Frequently Asked Questions

**Q1: What has changed?**

**A1:** Due to the recent acquisition of Finnzymes by Thermo Fisher Scientific, NEB no longer supplies the full portfolio of Finnzymes' PCR and qPCR products that we once offered. However, NEB will continue to provide Phusion High-Fidelity DNA Polymerase and certain related products. These products (listed below) are now manufactured by NEB, and they have new product numbers:

Product Name	Previous Catalog #	New Catalog #
Phusion High-Fidelity DNA Polymerase	F-530L	M0530L
Phusion High-Fidelity DNA Polymerase	F-530S	M0530S
Phusion High-Fidelity PCR Kit	F-553L	E0553L
Phusion High-Fidelity PCR Kit	F-553S	E0553S
Phusion HF Buffer Pack	F-518L	B0518S
Phusion GC Buffer Pack	F-519L	B0519S
Detergent-free Phusion HF Buffer Pack	F-520L	B0520S
Detergent-free Phusion GC Buffer Pack	F-521L	B0521S
Phusion High-Fidelity PCR Master Mix with HF Buffer	F-531L	M0531L
Phusion High-Fidelity PCR Master Mix with HF Buffer	F-531S	M0531S
Phusion High-Fidelity PCR Master Mix with GC Buffer	F-532L	M0532L
Phusion High-Fidelity PCR Master Mix with GC Buffer	F-532S	M0532S

**Q2: Have the formulations or any other characteristics of these products changed now that they are manufactured by NEB?**

**A2:** No. NEB's Phusion products have exactly the same composition and components. These products are manufactured at our production facilities in Ipswich, Massachusetts under agreement with, and to the same specifications as those from Finnzymes/Thermo Scientific. They have been extensively tested and quality controlled, and there are no measurable differences between these products.

**Q3: Are the pack sizes of these products the same now that they are manufactured by NEB?**

**A3:** Yes. All product sizes will remain the same.