240 County Road
Ipswich, MA 01938-2723
Tel 978-927-5054
Fax 978-921-1350
www.neb.com
info@neb.com

New England Biolabs
Certificate of Analysis

Product Name:	*PURExpress™ Δ Ribosome Kit*
Catalog Number:	*E3313S*
Packaging Lot Number:	*10276012*
Expiration Date:	*09/2026*
Storage Temperature:	*-80°C*
Specification Version:	*PS-E3313S v2.0*

PURExpress™ Δ Ribosome Kit Component List			
NEB Part Number	**Component Description**	**Lot Number**	**Individual QC Result**
P0763AVIAL	E.coli Ribosome	10270620	**Pass**
P0762AVIAL	PURExpress® Factor Mix	10270619	**Pass**
N0424AVIAL	PURExpress Control DHFR Plasmid	10264366	**Pass**
B0228AVIAL	PURExpress Solution A	10257707	**Pass**

Assay Name/Specification	**Lot # 10276012**
*** Individual Product Component Note** Standard Quality Control Tests are performed for each component included in PURExpress® Δ Ribosome Kit and meet the designated specifications.	**Pass**
Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 µl reaction in the presence of 250 ng PURExpress® Control DHFR Plasmid and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 20 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	**Pass**
Functional Testing (Cell Free Protein Synthesis Assay) (Vent DNA Polymerase A 25 µl reaction in the presence of 250 ng Vent DNA Polymerase template DNA and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 89 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	**Pass**
Functional Testing (Cell Free Protein Synthesis Assay) (·-galactosidase) A 25 µl reaction in the presence of 250 ng β-galactosidase template DNA and 20 units RNase Inhibitor containing the components of the PURExpress® Δ Ribosome Kit incubated for 2 hours at 37°C results in the expected 116 kDa product as determined by SDS-PAGE with Coomassie Blue detection.	**Pass**

This product has been tested and shown to be in compliance with all specifications.

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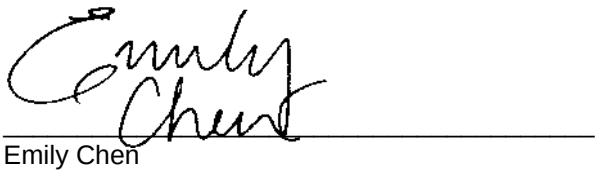
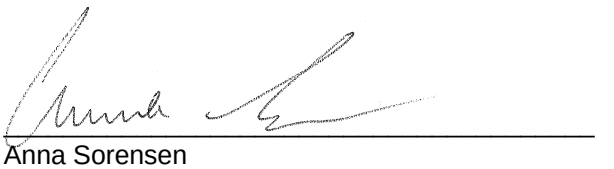


Emily Chen
Production Scientist
18 Sep 2024



Anna Sorensen
Packaging Quality Control Inspector
24 Jan 2025