

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: E.coli Ribosome

Catalog Number: P0763S
Concentration: 13.3 µM
Packaging Lot Number: 10139803
Expiration Date: 02/2024
Storage Temperature: -80°C

Storage Conditions: 30 mM KCl, 20 mM HEPES-KOH, 10 mM MgAC2, 7 mM β-mercaptoethanol, (pH

7.6 @ 25°C)

Specification Version: PS-P0763S v2.0

E.coli Ribosome Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
P0763SVIAL	E.coli Ribosome	10138659	Pass	

Assay Name/Specification	Lot # 10139803
Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 μ l 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) (galactosidase) A 25 μ l 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
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

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



P0763S / Lot: 10139803

Page 1 of 2



Corinna Tuelay

Cory Tuckey Production Scientist 02 Mar 2022 Michael Tonello

Packaging Quality Control Inspector 02 Mar 2022

