

New England Biolabs Certificate of Analysis

Product Name: *E.coli Ribosome*
Catalog Number: P0763S
Concentration: 13.3 μ M
Packaging Lot Number: 10131480
Expiration Date: 12/2023
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	10131481	Pass

Assay Name/Specification	Lot # 10131480
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) (Vent DNA Polymerase) A 25 μ l 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 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

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.

Cory Tuckey

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10 Dec 2021

Michael Tonello

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10 Dec 2021