

New England Biolabs Certificate of Analysis

Product Name: *E.coli Ribosome*
Catalog Number: P0763S
Packaging Lot Number: 10069639
Expiration Date: 03/2022
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 v1.0

E.coli Ribosome Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0763SVIAL	E.coli Ribosome	10068340	Pass

Assay Name/Specification	Lot # 10069639
Functional Testing (Cell Free Protein Synthesis Assay) (DHFR) A 25 µl reaction in the presence of 250 ng E. coli DHFR 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 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) (β-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.

Cory Tuckey

Cory Tuckey
Production Scientist
01 Mar 2020

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
03 Mar 2020