

New England Biolabs Certificate of Analysis

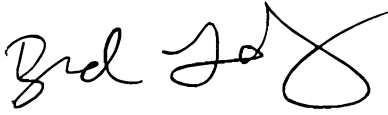
Product Name: *E.coli Ribosome*
Catalog Number: P0763S
Concentration: 13.3 μ M
Packaging Lot Number: 10218917
Expiration Date: 11/2025
Storage Temperature: -80°C
Storage Conditions: 30 mM KCl, 20 mM HEPES-KOH, 10 mM MgAC₂, 7 mM β -mercaptoethanol, (pH 7.6 @ 25°C)
Specification Version: PS-P0763S v2.0

E.coli Ribosome Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0763SVIAL	E.coli Ribosome	10212181	Pass

Assay Name/Specification	Lot # 10218917
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.

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Brad Landgraf
Production Scientist
14 Nov 2023



Michael Tonello
Packaging Quality Control Inspector
19 Dec 2023