

New England Biolabs Certificate of Analysis

Product Name: NEBExpress® Ni Resin
 Catalog Number: S1428S
 Concentration: 50 %
 Packaging Lot Number: 10086163
 Expiration Date: 11/2023
 Storage Temperature: 4°C
 Storage Conditions: 20% Ethanol
 Specification Version: PS-S1428S v1.0

| NEBExpress® Ni Resin Component List | | | |
|-------------------------------------|-----------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| S1428SVIAL | NEBExpress® Ni Resin | 10086164 | Pass |

| Assay Name/Specification | Lot # 10086163 |
|--|----------------|
| <p>Binding Capacity (Resin) NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from E. coli containing a plasmid that expresses a His6-GluRS fusion protein for 15 minutes at 25°C, then washed and the His6-GluRS fusion protein eluted. Binding capacity was determined to be ≥10 mg of target protein per ml of resin.</p> | Pass |
| <p>Functional Binding Assay (Qualitative, Resin) NEBExpress™ Ni Resin (1 ml bed volume) was equilibrated and incubated with 5 ml of crude extract from E. coli containing a plasmid that expresses a His6-GluRS fusion protein for 15 minutes at 25°C, then washed, eluted and evaluated by SDS-PAGE to confirm low non-specific binding of extract proteins and high isolation of target.</p> | 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.



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04 Dec 2020



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04 Dec 2020