

## NEBExpress™ Ni Resin

NEBExpress™ Ni Resin is also available in spin column format, [NEB #S1427](#)

- Purification of ≥10 mg His-tagged protein per 1 ml of resin
- Intended for use in gravity or pressure flow columns, and batch purifications
- High specific binding of His-tagged proteins yielding purities of >95%
- Strong nickel ion binding provides excellent resistance to EDTA and reducing agents. Compatible with commercially available detergent-based cell lysis reagents
- Isolation and purification of His-tagged fusion proteins under native or denaturing conditions

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Catalog #	Concentration	Size	List Price	Your Price	Quantity
S1428S	50 % v/v	25 ml	\$310.00	<a href="#">Sign In</a>	<input type="text" value="0"/> <input type="button" value="Add to Cart"/>

**Product Information** | Protocols, Manuals & Usage | FAQs & Troubleshooting | Citations & Technical Literature | Quality, Safety & Legal

NEBExpress™ Ni Resin is an affinity matrix for the isolation and purification of polyhistidine-tagged (His-tagged) fusion proteins. It is intended for use in gravity or pressure flow columns, and batch purifications. NEBExpress Ni Resin is comprised of a highly uniform and stable chemical-tolerant resin, pre-charged with nickel ions on the matrix surface. It is resistant to a wide range of chemicals, including NaOH, EDTA, DTT and β-Mercaptoethanol.

For larger volume requirements, customized and bulk packaging is available by purchasing through the OEM/Bulks department at NEB. Please contact [custom@neb.com](mailto:custom@neb.com) for further information.

**Support Matrix:** Spherical, agarose based microparticles ranging in size from 10-100 μm.

**Product Categories:** Resins, Magnetic Beads & Racks Products, Protein Expression & Purification Technologies Products

**Applications:** Tagged Protein Expression, Coupled Protein Expression and Purification, Pull Down Assays | [More >](#)

### Advantages and Features

#### Features

- Isolation and purification of His-tagged fusion proteins under native or denaturing conditions as IMAC tolerates a wide range of conditions, including the presence of protein denaturants, reducing agents and detergents.
- High specific binding of His-tagged proteins from various expression systems yielding milligram quantities of target protein with purities of >95%.
- Can be used with common cell lysis reagents and a variety of buffer additives

Properties & Usage

Related Products

Product Notes

References

1. Bolanos-Garcia et al (2006). BBA. 1760, 1304-1313.
2. Samuelson, J (2016). GEN. 26-27.

### Other Products You May Be Interested In



NEBExpress™ Ni Spin Columns



TEV Protease



NI-NTA Magnetic Beads

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