



Polyhistidine-tagged Protein Purification



NOW AVAILABLE AT MEDSTORE

NEBExpress™ Ni-NTA Magnetic Beads

NEBExpress Ni-NTA magnetic beads are an affinity matrix for the small-scale isolation and purification of polyhistidine-tagged (His-tagged) fusion proteins in manual or automated formats. They are prepared with agarose-based, super-paramagnetic microparticles that provide high binding capacity and fast magnetic response. Immobilized Metal Affinity Chromatography (IMAC) purification employing NEBExpress Ni-NTA magnetic beads can be performed under native or denaturing conditions, thereby allowing efficient binding and purification of insoluble proteins, proteins that aggregate in inclusion bodies, or proteins with tertiary structures that occlude the polyhistidine affinity tag. Low non-specific binding properties permit immobilized fusion proteins to be used in reverse purification schemes or in subsequent interaction experiments to capture or pull-down protein complexes from crude cell lysates. Additionally, these beads enable screening of expression and purification conditions to streamline functional and structural characterization of target proteins.

#S1423S	#S1423L
1 ml	5 ml
\$276	\$1,169
\$193.20	\$818.30

NEBExpress™ Ni Spin Columns

NEBExpress Ni Spin columns are pre-packed with agarose-based microparticles ranging in size from 10–100 µm for the small-scale isolation and purification of polyhistidine-tagged (His-tagged) fusion proteins. Immobilized Metal Affinity Chromatography (IMAC) purification employing NEBExpress Ni Spin columns can be performed under native or denaturing conditions, including conditions in which EDTA or reducing reagents are required, yielding highly pure target protein in a single purification step. This enables screening of expression conditions and streamlines the functional and structural characterization of the target protein.

#S1427S	#S1427L
10 columns	25 columns
\$140	\$280
\$98	\$196

NEBExpress™ Ni Resin

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 chemical-tolerant resin that is pre-charged with nickel ions on the matrix surface. It is resistant to a wide range of chemicals, including NaOH, EDTA, and commonly used reducing agents such as TCEP, DTT, and b-mercaptoethanol.

#S1428S
25 ml
\$372
\$260.40

Companion Product: TEV Protease

A highly-specific cysteine protease that is ideal for removal of affinity tags, such as maltose binding protein (MBP) or poly-histidine (His-tag) from fusion proteins.

#P8112S
1,000 ml
\$148
\$103.60

*TERMS & CONDITIONS: Offer valid in Canada only. Expires March 31st, 2020. Discount is eligible for products listed on this flyer. Promotion not valid for cash or cash equivalent towards purchase(s). No substitutions. Offer may not be applied to existing, pending or prior orders. Cannot be combined with any other promotion or discount. One or more of these products are covered by patents, trademarks and/or copyrights owned or controlled by New England Biolabs, Inc. For more information, please email us at orders.ca@neb.com

Howard Cukier, Ph.D.
Territory Manager, Ontario
Cell: (416) 527-2352 | hcukier@neb.com



be INSPIRED
drive DISCOVERY
stay GENUINE