

Ni-NTA Sepharose Purification Kit

Catalog Number LDG0016RD

Package 5 rxn / 10 rxn / Customized package

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Overview

Description

Affinity purified Ni-NTA is conjugated to NHS-sepharose. It is an efficient technique for isolating recombinant proteins or other proteins. The Ni-NTA sepharose is specifically designed for the purification of recombinant proteins fused to the 6 x histidine (6 x His) tag expressed in bacteria, insects, and mammalian cells. The sepharose is high affinity and selectivity for recombinant fusion proteins that are tagged with six tandem histidine residues. The Ni-NTA resin can be used to purify 6 x His tagged proteins under native and denaturing conditions. Proteins bound to the resin can be eluted with low pH buffer or competition with imidazole or histidine.

Product Note

The optimal protein concentration of the cell lysate should be determined by the end user.

Specifications

Application

Immunoprecipitation, Protein purification

Specificity

Recognizes recombinant proteins fused to the 6 x histidine (6 x His) tag expressed in bacteria, insects, and mammalian cells.

Binding Capacity

The binding and elution capacity of 1 mL settled Ni-NTA sepharose are commonly more than 5 mg of 6 x His fusion protein.

Conjugation

Sepharose

Sample Type

Cell lysate

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at 2-8°C.

Stability & Storage

This product is stable after storage at:

- 2-8°C for unopened product

Please refer to product manual for storage constructions

Disclaimer : For Research Use or Further Manufacturing Only.