

His GraviTrap

Product Information

Cat#No# His-102P

Product Overview

His GraviTrap is a prepacked, single-use column for purification of histidine-tagged proteins by immobilized metal affinity chromatography (IMAC). Column gives fast and simple gravity-flow purifications without any need for a purification system.

Description

His GraviTrap is a prepacked, single-use column for purification of histidine-tagged proteins by immobilized metal affinity chromatography (IMAC). The column gives fast and simple gravity-flow purifications without any need for a purification system. Large sample volumes can be applied in one go, and the histidine-tagged protein is effectively eluted in a small volume.

His GraviTrap contains Ni Sepharose 6 Fast Flow medium, which has negligible nickel leakage and is compatible with denaturing and reducing agents as well as a wide range of additives. The columns are made of biocompatible polypropylene. Special frits protect the medium from running dry during purification.

Characteristic

For fast and simple purification of histidine-tagged* proteins.

Convenient, prepacked gravity-flow column.

Allows direct purification of both clarified and unclarified cell lysates.

High binding capacity; approximately 40 mg of pure protein per column.

Compatible with a wide range of reducing agents, detergents, denaturants and other additives.

Average particle size

90 µm

Dynamic binding capacity

Approx. 40 mg histidine-tagged protein/column.

Chemical compatibility

Stable in all commonly used buffers, reducing agents, denaturants, and detergents.

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pH working range

2 to 14

CIP stability

2 to 14

Storage

4 to 30°C, 20% Ethanol

Pack size

10 × 1 mL

Material

Polypropylene barrel, polyethylene frits
