

His SpinTrap TALON

Product Information

Cat#No# His-107P

Product Overview

His SpinTrap TALON is a single-use column for rapid screening with small samples of histidine-tagged proteins.

Description

His SpinTrap TALON is designed for high purity, small-scale purification and screening of histidine-tagged proteins from clarified cell lysates. His SpinTrap TALON columns are used together with a standard microcentrifuge and purification takes approximately 10 minutes. The columns make parallel preparations of few or many small-scale cell lysates quick and easy. Prepacked columns enable highly reproducible column to column purification and yield, with RSD < 6%. Leakage of cobalt ions from TALON Superflow resin is negligible.

Characteristic

Suitable for purification of multiple samples in parallel, such as screening.

Convenient, ready-to-use single-use spin column, prepacked with 100 µL TALON Superflow cobalt-IMAC (immobilized metal affinity chromatography) resin offering a different selectivity compared to nickel-charged resins.

With a microcentrifuge, one run takes about 10 minutes.

Particle Size

60 to 160 µm

Dynamic binding capacity

Approximately 1 mg histidine-tagged protein/column.

Chemical stability

Stable in all commonly used buffers, denaturants and detergents.

pH working range

2 to 14



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CIP stability

3 to 12

Storage

4°C to 8°C

Pack size

50 × 100 µL

Dimensions

127.8 × 85.5 × 30.6 mm

Number of wells

96

Material

Polypropylene barrel, polyethylene frits

Centrifugation force recommended

100 to 500 × g

Centrifugation force max.

700 × g
