

TALON® CellThru

Catalog Nos.	Amount	Lot Number
635509	10 ml	Specified on product label.
635510	100 ml	

Description

TALON CellThru Resin is an immobilized metal affinity chromatography resin for purifying polyhistidine-tagged proteins from crude cell lysates, sonicates, and fermentation liquid.

Package Contents

- TALON CellThru Resin

Storage Conditions

- Store at 4°C.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Storage Buffer

- Nonbuffered 20% ethanol

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- TALON Metal Affinity Resins User Manual

Quality Control Data

Metal loading analysis

Each lot of TALON CellThru Resin is guaranteed to have a minimum divalent metal loading of 10 µmol/ml of bed volume. The amount of bound metal is determined by atomic spectroscopy.

Polyhistidine protein binding capacity

The TALON CellThru Resin was functionally tested using polyhistidine-tagged GFPuv and the HisTALON™ Buffer Set (Cat. No. 635651). 1 ml of TALON CellThru Resin was saturated with a bacterial polyhistidine-tagged GFPuv lysate in HisTALON Equilibration Buffer (pH 7.4). The resin was then washed four times with 5 ml of HisTALON Equilibration Buffer (pH 7.4). Bound protein was eluted by washing three times with 1 ml of HisTALON Elution Buffer (pH 7.2). A sample of each eluant was analyzed by electrophoresis on a 12% SDS polyacrylamide gel to verify the purity of the eluted protein. The polyhistidine-tagged protein is 99% of the eluted material.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Takara Bio USA, Inc.

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TALON® Superflow Metal Affinity Resin

CATALOG NO.

635506 & 635507

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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