PRODUCT: TALON® Metal Affinity Resin

**DESCRIPTION**
Immobilized metal affinity chromatography resin for the purification of recombinant polyhistidine-tagged proteins under native or denaturing conditions.

**LOT NUMBER**
Specified on product label.

**STORAGE BUFFER**
Nonbuffered 20% ethanol.

**STORAGE CONDITIONS**
Store at 4°C.

**SHELF LIFE**
1 year from date of receipt under proper storage conditions.

**SHIPPING CONDITIONS**
Room temperature

**FOR RESEARCH USE ONLY**

**QUALITY CONTROL DATA**

**Metal loading analysis**
Each lot of TALON Resin is guaranteed to have a divalent metal loading of ≥12 µmol/ml of bed volume. The amount of bound metal is determined by atomic spectroscopy.

**Functional test**
The TALON Metal Affinity Resin was functionally tested using polyhistidine-tagged GFPuv and the HisTALON Buffer Set (Cat. No. 635651). 1 ml of TALON Metal Affinity 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.

**CATALOG Nos.**

<table>
<thead>
<tr>
<th>CATALOG Nos.</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>635501</td>
<td>10 ml</td>
</tr>
<tr>
<td>635502</td>
<td>25 ml</td>
</tr>
<tr>
<td>635503</td>
<td>100 ml</td>
</tr>
<tr>
<td>635504</td>
<td>250 ml</td>
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**PACKAGE CONTENTS**
- TALON Metal Affinity Resin

**PRODUCT USER MANUAL**
User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manual applies to this product:
- TALON Metal Affinity Resins User Manual (PT1320-1)
TALON® Metal Affinity Resin

CATALOG NOs.
635501, 635502, 635503 & 635504

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STATEMENT 76

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