

## Capturem™ His-Tagged Purification Maxiprep Kit

**Catalog No.**  
635713

**Amount**  
6 purifications

**Lot Number**  
Specified on product label.

### Description

The Capturem His-Tagged Purification Maxiprep Kit provides single-use disposable membrane spin columns for simple, rapid purification of his-tagged proteins in up to 25 ml of clarified lysate. The columns are suitable for use under native or denaturing conditions, and in the presence of additives such as DTT (up to 10 mM),  $\beta$ ME (up to 30 mM), TCEP (up to 5 mM), EDTA (up to 10 mM), or glycerol.

### Package Contents

- 6 Capturem His-Tagged Purification Maxiprep Columns
- 6 Capturem Maxiprep Filters
- 200 ml xTractor™ Buffer
- 40 ml Wash Buffer
- 15 ml Elution Buffer

### Storage Conditions

- Store unopened buffers at room temperature for up to 12 months. Once opened, store at 4°C for up to 12 months.
- Columns can be stored either at room temperature or 4°C.

### Shelf Life

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

### Shipping Conditions

- Room temperature

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)  
The following documents apply to this product:

- Capturem His-Tagged Purification Maxiprep Kit Protocol-At-A-Glance

### Quality Control Data

The membrane spin columns were tested using his-tagged GFPuv lysates and the buffers included in the His-Tagged Purification Maxiprep Kit. One Capturem Maxiprep Filter was loaded with 3 ml of clarified lysate (prepared according to the xTractor Buffer & xTractor Buffer Kit User Manual), and centrifuged at 2,000 x g for 3 minutes at room temperature. The filtered lysate was loaded onto a Capturem Maxiprep Ni Column and centrifuged at 2,000 x g for 3 minutes at room temperature. The bound protein was then washed with 6 ml Wash Buffer and eluted with 1.5 ml Elution Buffer. The eluted fraction was analyzed by electrophoresis on a 4–20% SDS polyacrylamide gel to verify the purity of the eluted protein. The expected ~29-kDa band (corresponding to his-tagged GFPuv) was observed.

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

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### CATALOG NO.

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### STATEMENT 347

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### STATEMENT 273

This product is covered by U.S. Patent No. 9459188 and/or pending U.S. Patent Application 15/251,628, exclusively licensed to Takara Bio USA, Inc.

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