

## Mag-Trypsin

**Catalog No.**

635646

**Amount**

5 ml

**Lot Number**

Specified on product label.

### Description

Mag-Trypsin consists of trypsin treated with TPCK (L-1-tosylamido-2-phenylethyl chloromethyl ketone) to inhibit chymotrypsin activity, then immobilized on magnetic beads. The immobilized enzyme is easily removed from the reaction mixture after a digestion reaction by using a magnetic separator. The resulting peptides may then be analyzed using techniques that require trypsin removal following digestion, such as mass spectrometry.

### Package Contents

- 5 ml Mag-Trypsin (5% suspension)

### Storage Conditions

- Store at 4°C.

### Expiration Date

- Specified on product label.

### Storage Buffer

- 50% glycerol, 0.05% sodium azide

### Shipping Conditions

- Blue ice

### 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:

- Mag-Trypsin User Manual
- Mag-Trypsin Protocol-At-A-Glance

### Quality Control Data

- The activity of the enzyme, as measured by BAEE (N-benzoyl-L-arginine ethyl ester) assay >150 units/ml of suspension.
- Unit Definition: One BAEE unit will produce an increase of 0.001 absorbance unit/min at pH 8.0 at 25°C using BAEE as a substrate.
- Reaction volume = 3.2 ml (1 cm light path).

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

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**Takara Bio USA, Inc.**

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