# Shield1

<table>
<thead>
<tr>
<th>Catalog No(s.)</th>
<th>Amount</th>
<th>Lot Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>631037</td>
<td>60 µl</td>
<td>Specified on product label.</td>
</tr>
<tr>
<td>632189</td>
<td>500 µl</td>
<td>Specified on product label.</td>
</tr>
</tbody>
</table>

## Description

The Shield1 compound stabilizes a protein of interest tagged with the destabilization domain (DD), which is based on a mutated version of the FKBP protein. It is used to protect the DD fusion protein of interest from proteasomal degradation. The amount of Shield1 can be varied to tune the amount of stabilized protein of interest within the cell.

## Package Contents

- **Cat. No. 631037**
  - 60 µl Shield1
- **Cat. No. 632189**
  - 500 µl Shield1

## Storage Conditions

- –20°C

## Shelf Life

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

## Concentration

- 0.5 mM

## Shipping Conditions

- Dry ice (–70°C)

## Product Documents

Documents for Clontech products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals).

The following documents apply to this product:

- ProteoTuner Shield Systems User Manual (PT4039-1)

## Quality Control Data

The identity of this lot of Shield1 was determined by mass spectroscopy and purity was determined to be >90% by HPLC.
Notice to Purchaser

Shield1

CATALOG NO.
631037 & 632189

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STATEMENT 57

This product is covered by U.S. Patent No. 8,173,792.

STATEMENT 99

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