

## AAVpro® Tet-One™ Inducible Expression System (AAV2)

<b>Catalog No.</b>	<b>Amount</b>
634310	1 system

### Description

The AAVpro Tet-One Inducible Expression System is a tetracycline-inducible gene expression system that allows you to produce high titers of recombinant, adeno-associated virus (AAV) for establishing a tightly inducible expression system for your gene of interest in mammalian cells. The all-in-one pAAV-TetOne vector expresses the Tet-On® 3G transactivator from the constitutive human PGK promoter, and your gene of interest from the P<sub>TRE3GS</sub> promoter. In the presence of doxycycline (Dox), the Tet-On 3G transactivator specifically binds and activates high-level transcription from the inducible promoter that controls expression of your gene. There is no selection marker on this vector for mammalian cells. The kit also includes the plasmids for preparation of high-titer AAV particles without the use of a helper virus, and AAV Extraction Solution for isolation of pure AAV particles.

### Package Contents

- AAVpro Tet-One Vector Set (Cat. No. 634311; not sold separately) >> [View Components](#)
  - pRC2-mi342 Vector (Cat. No. 6281; not sold separately\*) >> [Search Lot # on our website to download](#)
  - pHelper Vector (Cat. No. 6282; not sold separately\*) >> [Search Lot # on our website to download](#)
  - AAVpro Extraction Solution (Cat. No. 6283; not sold separately\*) >> [Search Lot # on our website to download](#)
- \* These components are available for separate purchase in larger quantities.

For storage conditions, please see the Certificate of Analysis supplied with each component.

### 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:

- AAVpro Tet-One Inducible Expression System (AAV2) User Manual
- AAVpro Tet-One Vector Information
- AAVpro Extraction Solution User Manual

### Notice to Purchaser

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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