PRODUCT COMPONENTS LIST:
Retro-X™ Universal Packaging System

CATALOG No.
631530

DESCRIPTION
This kit provides a complete retroviral vector packaging system for use with any retroviral vector. It is designed to produce virus that can infect dividing cells from a broad range of mammalian and nonmammalian cell types. The GP2-293 Packaging Cell Line contains only the MoMuLV gag and pol genes. The viral envelope portion of the packaging function (env gene) is supplied by transiently co-transfecting one of the Retro-X Universal Packaging Vectors (p10A1, pAmpho, pEco, or pVSV-G) with the retroviral vector. The pQCLIN Retroviral Vector (included in the vector set) can be used as a positive control to constitutively express β-galactosidase in transduced mammalian cells.

PACKAGE CONTENTS
• GP2-293 Packaging Cell Line (Cat. No. 631458)
• Retro-X Universal Packaging Vector Set (Cat. No. 631457)

PRODUCT USER MANUALS
User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manuals apply to this product:
• Retroviral Gene Transfer and Expression User Manual (PT3132-1)
• pAmpho Vector Information (PT3750-5)
• pEco Vector Information (PT3749-5)
• pVSV-G Vector Information (PT3343-5)
• p10A1 Vector Information (PT3748-5)

Note: For more information, please see the Certificate of Analysis supplied with each component.

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