

PRODUCT: pRetroX-PTuner Vector

CATALOG NO. 632169
(Not sold separately)

AMOUNT: 20 µg

LOT NUMBER
Specified on product label.

STORAGE BUFFER
10 mM Tris-HCl (pH 8.0)
1 mM EDTA (pH 8.0)

STORAGE CONDITIONS

- Store plasmid at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

SHELF LIFE
One year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS
Dry ice (-70°C)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

• Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Enzyme(s)	Fragment(s)
PstI	6.2 kb
NcoI & AgeI	5.0 & 1.2 kb

• Vector identity was confirmed by sequencing.

• A260/A280: 1.8–2.0

APPROVED BY: 

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ProteoTuner™:

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(PA812600)

DESCRIPTION

The pRetroX-PTuner vector is designed to express a protein of interest tagged on its N terminus with a mutant FKBP destabilizing domain (DD). If transfected into mammalian cells, it expresses the protein of interest as a fusion protein with the DD. This vector contains the internal ribosome entry site (IRES) of the encephalomyocarditis virus (ECMV), which permits both the DD-tagged gene of interest and the puromycin selection marker to be translated from a single mRNA.

CONCENTRATION: 500 ng/µl

PLASMID SIZE: 6.2 kb

CLONING SITES:
NotI, BglII, BspDI, ClaI, BamHI, NcoI

ANTIBIOTIC RESISTANCE:
Ampicillin (100 µg/ml) for propagation in *E. coli* DH5α.

PACKAGE CONTENTS

- 1 tube of pRetroX-PTuner Vector
- Vector Information Packet (PT4047-5)