

Datasheet for ABIN7536613

## Casilio CtIP(T847E)\_53BP1 Mammalian Expression Vector

### Overview

Quantity:	200 ng
Gene:	CtIP(T847E)_53BP1
Species:	Various Species
Insert:	Casilio HDR
Vector:	Mammalian Expression Vector
Application:	Epigenetic Editing (EpEd)

### Product Details

Purpose:	Casilio mammalian expression vector for DNA double strand breaks-sensing 53BP1, several NLS and DNA endonuclease CtIP with phospho-mimicking T847E mutation under the control of a CAGGS + chim intron promoter. The ORF was inserted into pmax-DEST by Gateway recombination.
Vector Backbone:	pmax-CtIP(T847E)_53BP1
Promoter:	CMV Promoter
Bacterial Resistance:	Kanamycin
Expression Type:	Transient
Sequencing Primer:	Primer for: GGGCTTGTCGAGACAGAGAAGAT Primer rev: ACCGAGGAGAGGGTTAGGGAT

### Target Details

Gene:	CtIP(T847E)_53BP1
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### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: 10 mM Tris-HCl, 1 mM EDTA, pH 8.0

Storage: -20 °C

Storage Comment: 1 year when stored at -20°C or lower in a non-frost free freezer.

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)