

Datasheet for ABIN7536614

Casilio XRCC3_53BP1 Mammalian Expression Vector

Overview

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|--------------|-----------------------------|
| Quantity: | 50 ng |
| Gene: | XRCC3_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 repair protein XRCC3 under the control of a CAGGS + chim intron promoter. The ORF was inserted into pmax-DEST by Gateway recombination. |
| Vector Backbone: | pmax-XRCC3_53BP1 |
| Promoter: | CMV Promoter |
| Bacterial Resistance: | Kanamycin |
| Expression Type: | Transient |
| Sequencing Primer: | Primer for: GGGCTTGTCTGAGACAGAGAAGAT Primer rev: ACCGAGGAGAGGGTTAGGGAT |

Target Details

| | |
|-------|-------------|
| Gene: | XRCC3_53BP1 |
|-------|-------------|

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

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Handling

| | |
|------------------|---|
| 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

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