

## E2F(2) Luciferase Reporter Vector

### Product Insert

Cat. No. LR0017

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**Shelf Life** One year from date of receipt under proper storage conditions.

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**Storage** See product label for appropriate storage conditions

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**Component 1** E2F(2) Luciferase Reporter Vector (20ul of 500 ng/ul)

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**Component 2** Empty Control Vector (20ul of 500 ng/ul)

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**Sequence (5'→3')** ATTTAAGTTTCGCGCTTTCGCGCTTTCGCGCTTTCGCGCCCTTTCTCAA

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**Description** pE2F-Luc is designed to measure transcriptional activity of E2F transcription factor family, including E2F1, E2F2, E2F3, E2F4, E2F5. The E2F protein family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. These proteins bind preferentially to retinoblastoma protein pRB and mediate both cell proliferation and p53-dependent/independent apoptosis.

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