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Cre Recombinase

Product Name: Ad-CMV-Cre

Product Category: human Adenovirus Type5 (dE1/E3)

Description:

This Cre recombinant adenovirus expresses Cre recombinase, a Type I topoisomerase from P1 bacteriophage that catalyzes site-specific recombination of DNA between loxP sites. loxP is a 34 bp DNA sequence at which confers directionality. Cre recombinase is used as a tool to genetically modify genes, such as to delete a segment of DNA flanked by LoxP sites in cultured cells or experimental animals.

[click here](#) for an instruction video on using our adenovirus Cre for knockout LoxP flanked gene in cultured cells.

Titer: 1×10^{10} PFU/ml

Volume: 200ul

Storage Buffer: DMEM with 2% BSA & 2.5% Glycerol

References:

- *C3G down-regulates p38 MAPK activity in response to stress by Rap-1 independent mechanisms: Involvement in cell death. Cellular Signalling. 2010. 22(3):533-542*
- *Hypoxia-inducible factors 1a and 2a exert both distinct and overlapping functions in long bone development. Journal of Cellular Biochemistry. 2010. 109(1):196-204*

Cat. No.	Tag	Promoter	Species	Price **	Availability
1045		CMV		\$475.00	In Stock

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