

# SEVEN HILLS BIOREAGENTS

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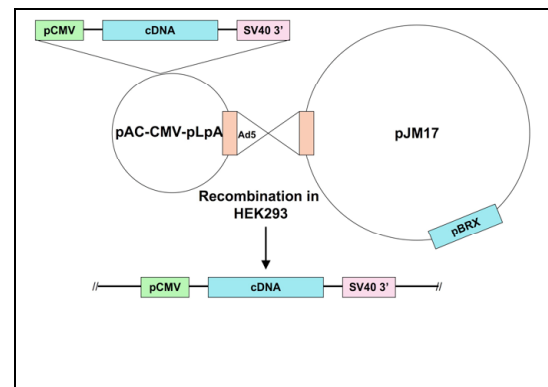
## AD5-CMV-Calcineurin inhibitory cain peptide

Catalog number: JMAAd-5

Quantity: 0.5 ml

Gene: Calcineurin inhibitory cain peptide  
(amino acids 1989-2182)

Vector Construction: Mouse cDNA calcineurin inhibitory cain peptide corresponding to amino acids 1989-2182 of cain with 9' flag epitope tag was cloned into the multiple cloning site of pAC-CMV-pLpA. The resulting plasmid was cotransfected into HEK293 cells with plasmid pJM17 which contains the Ad5 genome. Homologous recombination between the two plasmids resulted in the replacement of the Ad5 early region 1 with the mouse cDNA for cain amino acids 1989-2182 (calcineurin inhibitory domain) with 5' flag epitope cDNA expression cassette, generating a replication deficient recombinant virus.



Epitope tag: Flag

QC testing: Western Blot

Titer: Approx 1E8/ml

Supplied As: Crude HEK293 cell lysate.

Storage: Store at -80°C. Multiple freeze/thaw cycles not recommended.

Price: \$450

### References:

Taigen T, De Windt LJ, Lim HW, Molkentin JD. Targeted inhibition of calcineurin prevents agonist-induced cardiomyocyte hypertrophy. *Proc. Natl. Acad. Sci. USA*. 97:1196-1201.2000.

Recombinant adenovirus was generated as described in Gomez-Foix, AM, et al., *J. Biol. Chem.* (1992) 267:25129-25134.

For research purposes only; **not approved for diagnostic purposes or use in humans.**