

# SEVEN HILLS BIOREAGENTS

3333 BURNET AVE  
CINCINNATI, OH 45229

EMAIL: [SHB@CCHMC.ORG](mailto:SHB@CCHMC.ORG)  
PH: 513-636-8335  
FAX: 513-636-8453

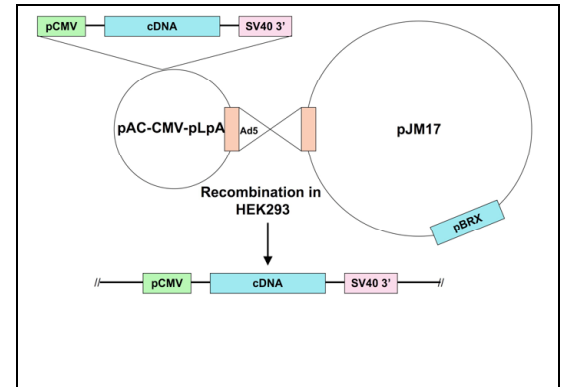
## AD5-CMV-activated calcineurin

Catalog number: JMAAd-3  
Quantity: 0.5 ml

Gene: Activated calcineurin (amino acids 1-398)

Vector

Construction: Mouse cDNA for truncated CnA-beta 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 truncated CnA-beta expression cassette, generating a replication deficient recombinant virus.



Epitope tag: None

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.**