

SEVEN HILLS BIOREAGENTS

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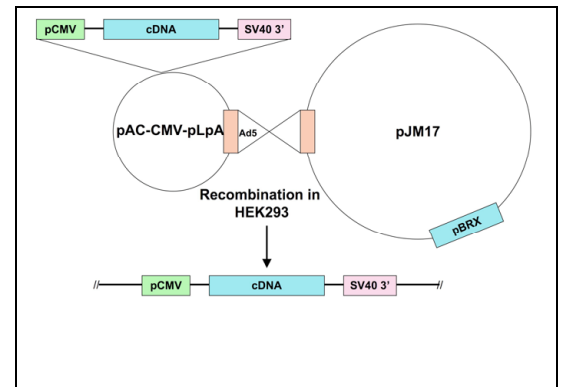
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Ad5-CMV-calcineurin inhibitory AKAP79 peptide

Catalog number: JMAAd-6
Quantity: 0.5 ml
Gene: Calcineurin inhibitory AKAP79 peptide (amino acids 60-358)

Vector Construction: Human cDNA for AKAP79 amino acids 60-358 (calcineurin inhibitory domain) with 5' flag epitope cDNA 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 human cDNA for AKAP79 amino acids 60-358 (calcineurin inhibitory domain) with 5' flag epitope 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.**