

# SEVEN HILLS BIOREAGENTS

3333 BURNET AVE  
CINCINNATI, OH 45229

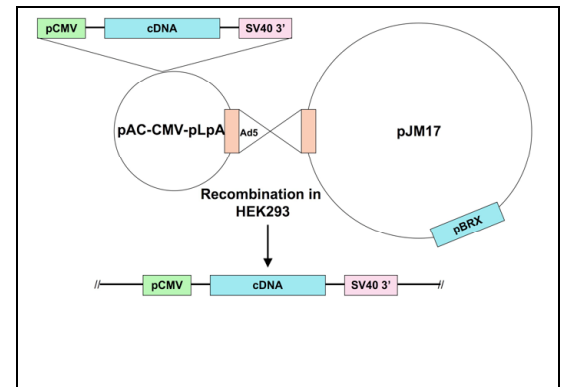
EMAIL: [SHB@CCHMC.ORG](mailto:SHB@CCHMC.ORG)  
PH: 513-636-8335  
FAX: 513-636-8453

## Ad5-CMV-MEK1 DN

Catalog number: JMAAd-38  
Quantity: 0.5 ml

Gene: MEK1 dominant negative

Vector Construction: Ser 221 Ala mutation in MAPK kinase 1 Rabbit 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 Rabbit cDNA expression cassette, generating a replication deficient recombinant virus.



Epitope tag: None  
QC testing: Western Blot (to block ERK1/2 phos)  
Titer: Approx 1E8/ml  
Supplied As: Crude HEK293 cell lysate.  
Storage: Store at -80°C. Multiple freeze/thaw cycles not recommended.  
Price: \$450

### References:

Liang Q, De Windt LJ, Witt SA, Kimball TR, Markham BE, Molkentin JD. The transcription factors GATA4 and GATA6 regulate cardiomyocyte hypertrophy in vitro and in vivo. *J. Biol. Chem.* 276:30245-30253 2001.

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.**