

SEVEN HILLS BIOREAGENTS

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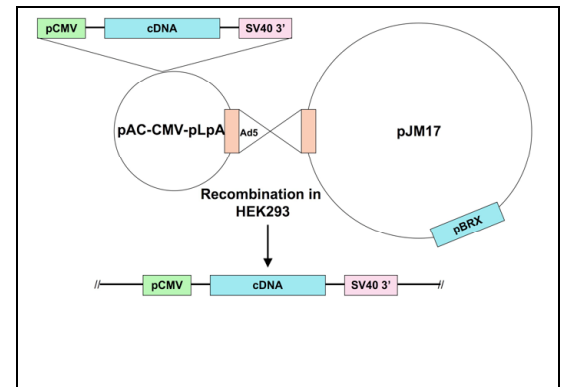
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Ad5-CMV-MKK3 DN

Catalog number: JMAAd-44
Quantity: 0.5 ml

Gene: MKK3 dominant negative

Vector Construction: Ser 189/193 Ala mutant in MAPK kinase 3 human cDNA with 5' flag epitope 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 MKK3, human cDNA expression cassette, generating a replication deficient recombinant virus.



Epitope tag: None

QC testing: Western Blot (to block p38 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:

Kaiser RA, Bueno OF, Lips DJ, Doevendans PA, Kimball TF, Molkentin JD . Targeted Inhibition of p38 MAPK Antagonizes Cardiac Injury and Cell Death Following Ischemia-Reperfusion in vivo. *J. Biol. Chem.* 279:15524-15530. 2004.

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.