

SEVEN HILLS BIOREAGENTS

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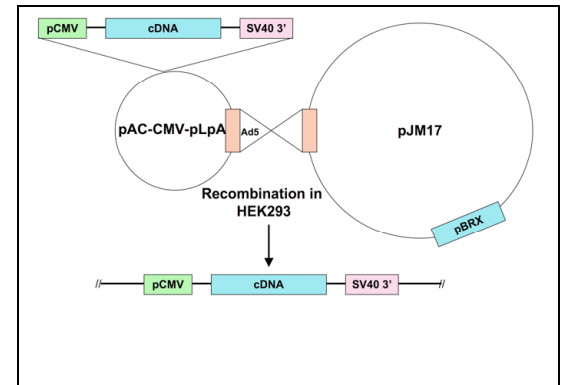
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AD5-CMV-ASK1-KM

Catalog number: JMAAd-60
Quantity: 0.5 ml

Gene: ASK1-dominant negative

Vector Construction: Human cDNA for apoptosis signaling kinase 1 with a mutation in catalytic lysine (presumed dominant negative). It 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 ASK1-KM, 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:

Liu Q, Wilkins BJ, Lee YJ, Ichijo H, Molkenkin JD. Direct interaction and reciprocal regulation between ASK1 and calcineurin-NFAT control cardiomyocyte death and growth. *Mol Cell Biol.* 2006;26:3785-97.

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.**