

SEVEN HILLS BIOREAGENTS

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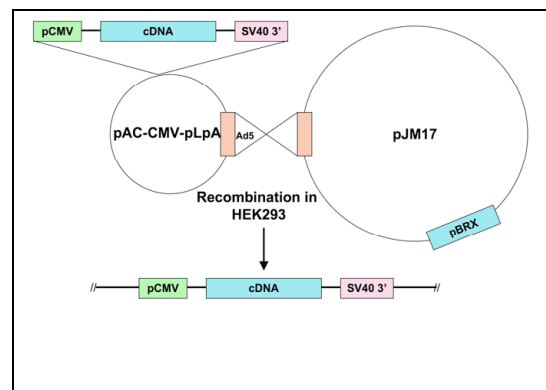
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Ad5-CMV-MEK1 activated

Catalog number: JMAAd-37
Quantity: 0.5 ml

Gene: MEK1 activated

Vector Construction: Ser 217/221 Glu 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 induce 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:

Bueno OF, De Windt LJ, Tymitz KM, Witt SA, Kimball TR, Klevitsky R, Hewett TE, Jones SP, Lefer DJ, Peng C-F, Kitsis RN, Molkentin JD. The MEK1 - ERK1/2 signaling pathway promotes compensated cardiac hypertrophy in transgenic mice. *EMBO J*. 19:6341-6350. 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.**