

SEVEN HILLS BIOREAGENTS

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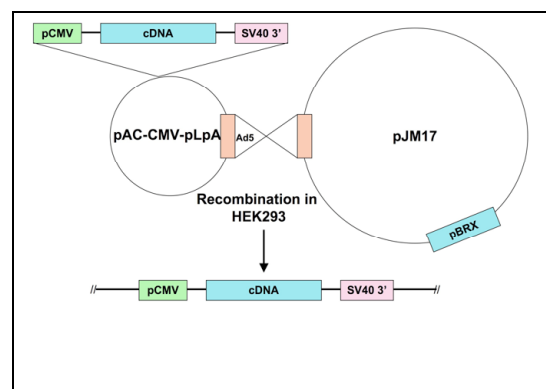
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Ad5-CMV-Cyclophilin D

Catalog number: JMAAd-88
Quantity: 0.5 ml

Gene: Cyclophilin D

Vector Construction: Mouse cyclophilin D 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 mouse cDNA expression cassette, 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:

Baines CP, Kaiser RA, Purcell NH, Blair NS, Osinska H, Hambleton MA, Brunskill EW, Sayen MR, Gottlieb RA, Dorn GW, Robbins J, and Molkentin JD. Loss of cyclophilin D reveals a critical role for mitochondrial permeability transition in cell death. *Nature* 434:658-662 2005.

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.**