

# SEVEN HILLS BIOREAGENTS

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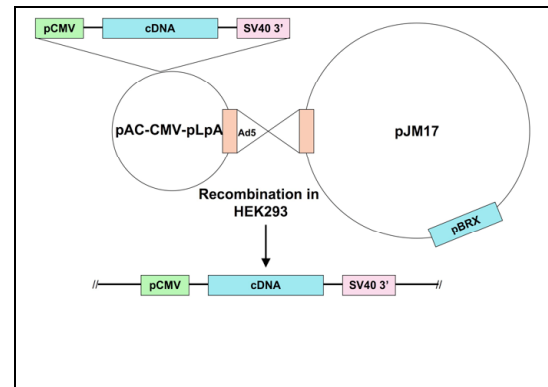
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## Ad5-CMV-GATA4-engrailed DN fusion

Catalog number: JMAAd-21  
Quantity: 0.5 ml

Gene: GATA4-engrailed dominant negative fusion (GATA4 211-329 – engr 2-298)

Vector Construction: Mouse Gata4 cDNA for amino acids 211-329 fused to amino acids 2-298 of engrailed to make a dominant negative Gata protein. It contains 5' flag epitope. This cassette 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 cDNA expression cassette, generating a replication deficient recombinant virus.



Epitope tag: Flag

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:

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.**