

# SEVEN HILLS BIOREAGENTS

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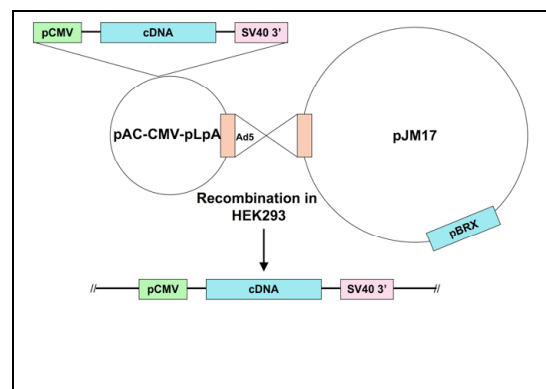
## Ad5-CMV-constitutively nuclear NFATc4

Catalog number: JMAAd-7  
Quantity: 0.5 ml

Gene: Constitutively nuclear NFATc4 (amino acids 317-902, of nuclear factor of activated T-cells)

Vector Construction: Human cDNA for amino acids 317-902 of NFATc4 (nuclear factor of activated T-cells) [NFAT3] 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 human cDNA fragment 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:

De Windt LJ, Lim HW, Taigen T, Wencker D, Condorelli G, Dorn GW II, Kitsis RN, Molkentin JD. Calcineurin mediated hypertrophy protects cardiomyocytes from apoptosis in vitro and in vivo: An apoptosis independent model of dilated heart failure. *Circ. Res.* 86:255-263. 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.**