

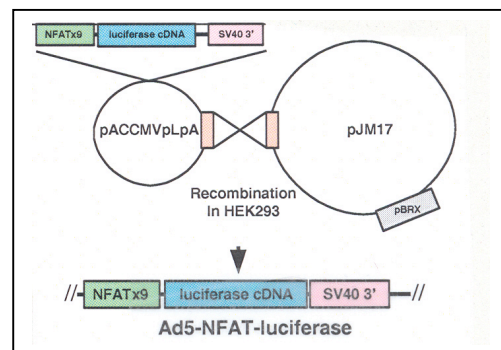
SEVEN HILLS BIOREAGENTS

3333 BURNET AVE
CINCINNATI, OH 45229

EMAIL: SHB@CCHMC.ORG
PH: 513-636-8335
FAX: 513-636-8453

Ad5-NFAT-luciferase reporter

Catalog number: JMAAd-10
Quantity: 0.5 ml
Gene: NFAT-luciferase reporter (reporter adenovirus for nuclear factor of activated T-cells activity and calcineurin activation)
Vector Construction: NFAT- luciferase reporter that contains 9 multimerized NFAT binding sites upstream of a minimal TATA-containing promoter fused to luciferase (lacking the CMV promoter) 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.



Epitope tag: None
QC testing: None
Titer: Approx 1E8/ml
Supplied As: Crude HEK293 cell lysate.
Storage: Store at -80°C. Multiple freeze/thaw cycles not recommended.
Price: \$450

References:

Wilkins BJ, Dai Y-S, Bueno OF, Parsons SA, Xu j, Plank DM, Jones F, Kimball TR, Molkentin JD. Calcineurin/NFAT coupling participates in pathologic, but not physiologic cardiac hypertrophy. *Circ. Res.* 94:110-118 2004.

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.**