

SEVEN HILLS BIOREAGENTS

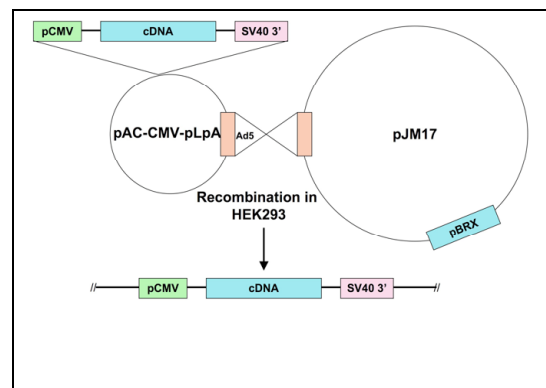
3333 BURNET AVE
CINCINNATI, OH 45229

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

Ad5-CMV-periostin

Catalog number: JMAAd-103
Quantity: 0.5 ml
Gene: Periostin (extracellular matrix protein)

Vector Construction: Mouse cDNA periostin 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 fragment with 5' flag tag 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:

Oka T, Xu J, Kaiser RA, Melendez J, Hambleton M, Sargent MA, Lorts A, Brunskill EW, Dorn GW 2nd, Conway SJ, Aronow BJ, Robbins J, Molkentin JD. Genetic manipulation of periostin expression reveals a role in cardiac hypertrophy and ventricular remodeling. *Circ Res*. 2007;101:313-21.

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.**