

SEVEN HILLS BIOREAGENTS

3333 BURNET AVE
CINCINNATI, OH 45229

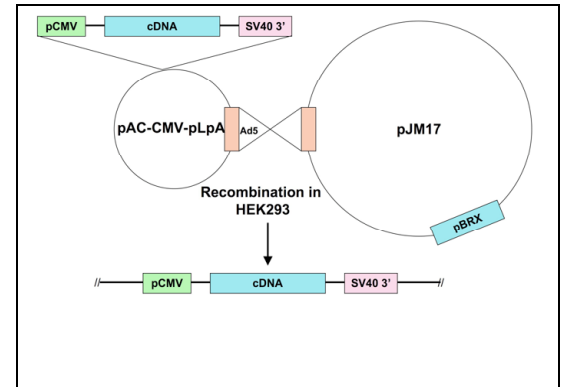
EMAIL: SHB@CCHMC.ORG
PH: 513-636-8335
FAX: 513-636-8453

Ad5-CMV-p38alpha DN

Catalog number: JMAAd-42
Quantity: 0.5 ml

Gene: p38alpha DN

Vector Construction: Dominant negative AGF mutation in human p38alpha with a 5' flag epitope 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 expression cassette, generating a replication deficient recombinant virus.



Epitope tag: Flag
QC testing: Western Blot (to block endogenous p38 phos)
Titer: Approx 1E8/ml
Supplied As: Crude HEK293 cell lysate.
Storage: Store at -80°C. Multiple freeze/thaw cycles not recommended.
Price: \$450

References:

Kaiser RA, Bueno OF, Lips DJ, Doevendans PA, Kimball TF, Molkentin JD . Targeted Inhibition of p38 MAPK Antagonizes Cardiac Injury and Cell Death Following Ischemia-Reperfusion in vivo. *J. Biol. Chem.* 279:15524-15530. 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.**