

SEVEN HILLS BIOREAGENTS

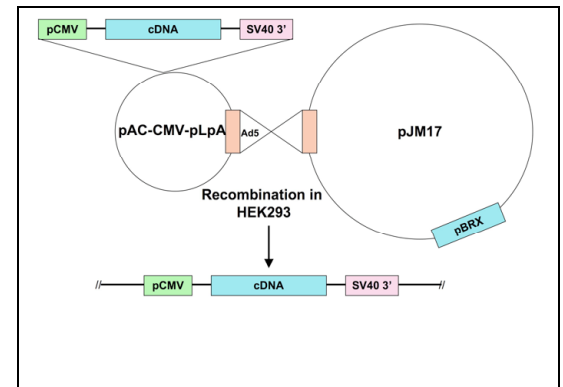
3333 BURNET AVE
CINCINNATI, OH 45229

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

Ad5-CMV-ERK2 wildtype

Catalog number: JMAAd-56
Quantity: 0.5 ml
Gene: ERK2 wildtype

Vector Construction: Rat cDNA, but same amino acids as human and mouse, extracellular signal-regulated kinase (ERK2) with a 5' flag tag 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 rat 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:

Purcell NH, Darwis D, Bueno OF, Muller JM, Schule R, Molkentin JD. Extracellular signal-regulated kinase 2 (ERK2) interacts with and is negatively regulated by the LIM-only protein FHL2 in cardiomyocytes. *Mol. Cell. Biol.* 24:1081-1095 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.**