

# SEVEN HILLS BIOREAGENTS

3333 BURNET AVE  
CINCINNATI, OH 45229

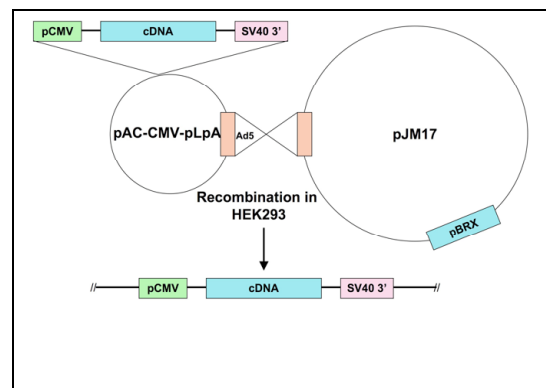
EMAIL: [SHB@CCHMC.ORG](mailto:SHB@CCHMC.ORG)  
PH: 513-636-8335  
FAX: 513-636-8453

## AD5-CMV-HDAC4-3SA

Catalog number: JMAAd-2  
Quantity: 0.5 ml

Gene: HDAC4 (Flag) constit. nuclear

Vector Construction: Mouse cDNA for HDAC4 (Histone deacetylase) that is mutated at S246A, S467A, and S632A. It 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 mouse cDNA for HDAC4-3SA expression cassette with a Flag epitope, 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:

Dai YS, Xu J, Molkenin JD. The DnaJ-related factor Mrj interacts with nuclear factor of activated T cells c3 and mediates transcriptional repression through class II histone deacetylase recruitment. *Mol Cell Biol.* 2005;25:9936-48.

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.**