

Tfap2a Knockout cell line(NIH/3T3)

Catalog Number: KO01489

Product Information	
Product Name	Tfap2a Knockout cell line(NIH/3T3)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Fibrous and adherent
Passage ratio	1:3~1:5
species	Mouse
Gene	Tfap2a
Gene ID	21418
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10%FBS
Parental Cell Line	NIH/3T3
Quality Control	Genotype: Tfap2a Knockout cell line(NIH/3T3) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	transcription factor AP-2, alpha provided by MGI
Also known as	Ap2; AP-2; Ap2tf; Tcfap2a; AP2alpha; Ap-2 (a)
Gene Description	This gene is a member of the activator protein 2 (AP-2) transcription factor family. The protein encoded by this gene can act as both an activator and repressor of gene transcription, and plays an important role in early embryogenesis, specifically in cranial development. This protein forms both homodimers and heterodimers, and binds to a GC-rich consensus sequence found in some promoters and enhancers. Disruption of this gene causes perinatal death, with neural tube, craniofacial, and limb mesenchyme defects. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms. [provided by RefSeq, Sep 2014]
Expression	Biased expression in limb E14.5 (RPKM 4.2), genital fat pad adult (RPKM 2.4) and 11 other tissues See more