

## CPEB1 Knockout cell line (A549)

**Catalog Number:** KO18580

Product Information	
Product Name	CPEB1 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	CPEB1
Gene ID	64506
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: CPEB1 Knockout cell line (A549) >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	cytoplasmic polyadenylation element binding protein 1 provided by HGNC
Also known as	CPEB; CPEB-1; h-CPEB; CPE-BP1; hCPEB-1
Gene Description	This gene encodes a member of the cytoplasmic polyadenylation element binding protein family. This highly conserved protein binds to a specific RNA sequence, called the cytoplasmic polyadenylation element, found in the 3' untranslated region of some mRNAs. The encoded protein functions in both the cytoplasm and the nucleus. It is involved in the regulation of mRNA translation, as well as processing of the 3' untranslated region, and may play a role in cell proliferation and tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Expression	Biased expression in testis (RPKM 19.2), brain (RPKM 6.3) and 8 other tissues See more