

## PCK2 Knockout cell line (BEAS-2B)

**Catalog Number:** KOA29864

Product Information	
Product Name	PCK2 Knockout cell line (BEAS-2B)
specification	1*10 <sup>6</sup>
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:4
species	Human
Gene	PCK2
Gene ID	5106
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10% FBS
Price (USD)	Inquiry
Parental Cell Line	BEAS-2B
Quality Control	Genotype: PCK2 Knockout cell line (BEAS-2B)>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	phosphoenolpyruvate carboxykinase 2, mitochondrial provided by HGNC
Also known as	PEPCK; PEPCK2; mtPCK2; PEPCK-M
Gene Description	This gene encodes a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to phosphoenolpyruvate in the presence of guanosine triphosphate (GTP). A cytosolic form of this protein is encoded by a different gene and is the key enzyme of gluconeogenesis in the liver. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2014]
Expression	Biased expression in duodenum (RPKM 127.7), small intestine (RPKM 91.2) and 8 other tissues See more