

PPCS Knockout cell line (AC16)

Catalog Number: KOA07211

Product Information	
Product Name	PPCS Knockout cell line (AC16)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Fibroblast-like, adherent
Passage ratio	1 : 3-1 : 4
species	Human
Gene	PPCS
Gene ID	79717
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: PPCS Knockout cell line (AC16)>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	phosphopantothenoylcysteine synthetase provided by HGNC
Also known as	CMD2C
Gene Description	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCS (EC 6.3.2.5), one of the last enzymes in this pathway, converts phosphopantothenate to phosphopantothenoylcysteine (Daugherty et al., 2002 [PubMed 11923312]). [supplied by OMIM, Mar 2008]
Expression	Ubiquitous expression in kidney (RPKM 13.6), thyroid (RPKM 13.4) and 25 other tissues See more