

MTARC1 Knockout cell line (AC16)

Catalog Number: KOA07560

Product Information	
Product Name	MTARC1 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	MTARC1
Gene ID	64757
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: MTARC1 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	mitochondrial amidoxime reducing component 1provided by HGNC
Also known as	MARC1; MOSC1
Gene Description	Enables molybdenum ion binding activity; molybdopterin cofactor binding activity; and oxidoreductase activity, acting on other nitrogenous compounds as donors. Contributes to nitrite reductase (NO-forming) activity. Involved in cellular detoxification of nitrogen compound; nitrate metabolic process; and nitric oxide biosynthetic process. Located in mitochondrion. Part of nitric-oxide synthase complex. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Biased expression in fat (RPKM 66.4), thyroid (RPKM 15.8) and 6 other tissues See more