

MTRF1L Knockout cell line (AC16)

Catalog Number: KOA09163

Product Information

Product Name	MTRF1L 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	MTRF1L
Gene ID	54516
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: MTRF1L 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 translation release factor 1 likeprovided by HGNC
Also known as	MRF1L; HMRF1L; mtRF1a
Gene Description	The protein encoded by this gene plays a role in mitochondrial translation termination, and is thought to be a release factor that is involved in the dissociation of the complete protein from the final tRNA, the ribosome, and the cognate mRNA. This protein acts upon UAA and UAG stop codons, but has no in vitro activity against UGA, which encodes tryptophan in human mitochondrion, or, the mitochondrial non-cognate stop codons, AGA and AGG. This protein shares sequence similarity to bacterial release factors. Pseudogenes of this gene are found on chromosomes 4, 8, and 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]
Expression	Ubiquitous expression in thyroid (RPKM 3.9), brain (RPKM 3.7) and 25 other tissues See more