

## MRTFA Knockout cell line (HCT 116)

Catalog Number: KO16026

Product Information	
Product Name	MRTFA Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	MRTFA
Gene ID	57591
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: MRTFA Knockout cell line (HCT 116) >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	myocardin related transcription factor A provided by HGNC
Also known as	MAL; MKL; BSAC; MKL1; MRTF-A
Gene Description	The protein encoded by this gene interacts with the transcription factor myocardin, a key regulator of smooth muscle cell differentiation. The encoded protein is predominantly nuclear and may help transduce signals from the cytoskeleton to the nucleus. This gene is involved in a specific translocation event that creates a fusion of this gene and the RNA-binding motif protein-15 gene. This translocation has been associated with acute megakaryocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Expression	Ubiquitous expression in bone marrow (RPKM 14.0), testis (RPKM 9.1) and 25 other tissues See more