

SIRT3 Knockout cell line(HT-29)

Catalog Number: KO00793

Product Information	
Product Name	SIRT3 Knockout cell line(HT-29)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	SIRT3
Gene ID	23410
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HT-29
Quality Control	Genotype: SIRT3 Knockout cell line(HT-29) >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	sirtuin 3provided by HGNC
Also known as	SIR2L3
Gene Description	SIRT3 encodes a member of the sirtuin family of class III histone deacetylases, homologs to the yeast Sir2 protein. The encoded protein is found exclusively in mitochondria, where it can eliminate reactive oxygen species, inhibit apoptosis, and prevent the formation of cancer cells. SIRT3 has far-reaching effects on nuclear gene expression, cancer, cardiovascular disease, neuroprotection, aging, and metabolic control. [provided by RefSeq, May 2019]
Expression	Ubiquitous expression in testis (RPKM 6.7), brain (RPKM 5.6) and 25 other tissues See more