

SZT2 Knockout cell line (HCT 116)

Catalog Number: KO29436

Product Information	
Product Name	SZT2 Knockout cell line (HCT 116)
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	SZT2
Gene ID	23334
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: SZT2 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	SZT2 subunit of KICSTOR complexprovided by HGNC
Also known as	DEE18; KICS1; SZT2A; SZT2B; EIEE18; C1orf84; KIAA0467
Gene Description	The protein encoded by this gene is expressed in the brain, predominantly in the parietal and frontal cortex as well as in dorsal root ganglia. It is localized to the peroxisome, and is implicated in resistance to oxidative stress. It likely functions by increasing superoxide dismutase (SOD) activity, but itself has no direct SOD activity. Studies in mice show that this gene confers low seizure threshold, and may also enhance epileptogenesis. [provided by RefSeq, Jun 2011]
Expression	Ubiquitous expression in ovary (RPKM 6.6), testis (RPKM 6.5) and 25 other tissues See more