

## MIOS Knockout cell line (U-2932)

**Catalog Number:** KOA40083

Product Information	
Product Name	MIOS Knockout cell line (U-2932)
specification	1*10 <sup>6</sup>
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Human Lymphocyte-like, suspension
Passage ratio	1 : 2-1 : 4
species	Human
Gene	MIOS
Gene ID	54468
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%RPMI-1640+10%FBS
Price (USD)	Inquiry
Parental Cell Line	U-2932
Quality Control	Genotype: MIOS Knockout cell line (U-2932)>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	meiosis regulator for oocyte development provided by HGNC
Also known as	MIO; Sea4; Yulink
Gene Description	Predicted to enable metal ion binding activity. Involved in cellular response to amino acid starvation; positive regulation of TORC1 signaling; and protein-containing complex localization. Located in several cellular components, including cytosol; lysosomal membrane; and nucleoplasm. Part of GATOR2 complex. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in prostate (RPKM 7.9), testis (RPKM 7.5) and 25 other tissues See more