

## RYR1 Knockout cell line (U-2932)

**Catalog Number:** KOA44715

Product Information	
Product Name	RYR1 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	RYR1
Gene ID	6261
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: RYR1 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	ryanodine receptor 1provided by HGNC
Also known as	CCO; KDS; MHS; RYR; MHS1; RYDR; SKRR; RYR-1; CMYO1A; CMYO1B; CMYP1A; CMYP1B; PPP1R137
Gene Description	This gene encodes a ryanodine receptor found in skeletal muscle. The encoded protein functions as a calcium release channel in the sarcoplasmic reticulum but also serves to connect the sarcoplasmic reticulum and transverse tubule. Mutations in this gene are associated with malignant hyperthermia susceptibility, central core disease, and minicore myopathy with external ophthalmoplegia. Alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Expression	Broad expression in prostate (RPKM 3.0), esophagus (RPKM 2.5) and 15 other tissues See more