

RYR1 Knockout cell line (HCT 116)

Catalog Number: KO08452

Product Information

Product Name	RYR1 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	RYR1
Gene ID	6261
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: RYR1 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	ryanodine receptor 1provided by HGNC
Also known as	CCO; KDS; MHS; RYR; MHS1; RYDR; SKRR; RYR-1; CMYO1A; CMYO1B; CMYP1A; CMYP1B; PPP1R137
Gene Description	<p>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.</p> <p>Alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]</p>
Expression	Broad expression in prostate (RPKM 3.0), esophagus (RPKM 2.5) and 15 other tissues See more