

Recql5 Knockout cell line(C2C12)

Catalog Number: KO01149

Product Information

Product Name	Recql5 Knockout cell line(C2C12)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Myoblast like, adherent cells
Passage ratio	1:3~1:4
species	Mouse
Gene	Recql5
Gene ID	170472
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	C2C12
Quality Control	Genotype: Recql5 Knockout cell line(C2C12) >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	RecQ protein-like 5provided by MGI
Also known as	RecQ5; Recq5b; Recql5b
Gene Description	Predicted to enable DNA helicase activity; RNA polymerase II complex binding activity; and identical protein binding activity. Acts upstream of or within several processes, including cellular response to camptothecin; negative regulation of double-strand break repair via homologous recombination; and replication-born double-strand break repair via sister chromatid exchange. Predicted to be located in cytosol and nucleoplasm. Predicted to be part of transcription preinitiation complex. Predicted to be active in cytoplasm; nucleus; and replication fork. Orthologous to human RECQL5 (RecQ like helicase 5). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in testis adult (RPKM 8.0), large intestine adult (RPKM 8.0) and 28 other tissues See more