

Trib1 Knockout cell line (C2C12)

Catalog Number: KO01090

Product Information	
Product Name	Trib1 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	Trib1
Gene ID	211770
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	C2C12
Quality Control	Genotype: Trib1 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	tribbles pseudokinase 1 provided by MGI
Also known as	Trb1; TRB-1; A530090O15Rik
Gene Description	Enables RNA polymerase II-specific DNA-binding transcription factor binding activity; ubiquitin protein ligase binding activity; and ubiquitin-protein transferase regulator activity. Involved in several processes, including negative regulation of DNA-binding transcription factor activity; positive regulation of proteasomal ubiquitin-dependent protein catabolic process; and regulation of myeloid leukocyte differentiation. Predicted to be located in cytoplasm. Predicted to be active in nucleus. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; integumental system; and submandibular gland primordium. Orthologous to human TRIB1 (tribbles pseudokinase 1). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in colon adult (RPKM 28.7), small intestine adult (RPKM 14.1) and 25 other tissues See more

